**Appendix F** 

**Hazardous Waste** 

Phase I Environmental Site Assessments



### Via E-Mail

June 13, 2013

LandDesign 223 North Graham Street Charlotte, NC 28202

Attention: Mr. Dale Stewart, PE

Re: Phase I ESA

65 Acres of Undeveloped Land – Clear Creek

Mint Hill, NC

H&H Job No. LDE-011

Dear Dale,

Hart & Hickman, PC (H&H) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E 1527-05 for the above referenced site. This report is being provided in PDF format only.

Thank you for the opportunity to assist you with this project. Please contact me if you have any questions.

Sincerely,

Hart & Hickman, PC

Matt Bramblett

Principal and Project Manager

Attachment

# Phase I ESA Undeveloped Site

# Allen Station Drive and Clear Creek Commerce Drive Mint Hill, North Carolina

H&H Job No. LDE-011 June 13, 2013



# Phase I Environmental Site Assessment Undeveloped Property Allen Station Drive and Clear Creek Commerce Drive Mint Hill, North Carolina

# H&H Job No. LDE-011

#### **Table of Contents**

| 1.0 Executive Summary  | 1  |
|--|----|
| 1.1 Property Summary   | 1  |
| 1.2 Findings, Opinions, and Conclusions                              | 2  |
| 2.0 Introduction   | 4  |
| 2.1 Purpose and Scope of Services                                    | 5  |
| 2.2 Methodology  | 5  |
| 2.3 Limitations and Exceptions of Assessment                         | 6  |
| 2.4 Special Terms and Conditions                                     | 6  |
| 2.5 Data Gaps and Limitations  | 7  |
| 3.0 Site and Area Description  | 8  |
| 3.1 General Site Description and Use                                 | 8  |
| 3.2 Site Structures and Improvements                                 | 8  |
| 3.3 Property Owner, Manager, and Occupant                            | 8  |
| 3.4 Vicinity Characteristics   | 9  |
| 3.5 Physical Setting   | 9  |
| 4.0 Records Review   | 11 |
| 4.1 Standard Environmental Record Sources – Federal, State and Local | 11 |
| 4.2 Other Records Review   | 12 |
| 4.3 Historical Use Information                                       | 12 |
| 5.0 Site Reconnaissance  | 17 |
| 5.1 Hazardous Substances   | 17 |
| 5.2 Storage Tanks and Sumps  | 17 |
| 5.3 Water and Wastewater Issues                                      | 17 |
| 5.4 Indications of PCBs  | 18 |
| 5.5 Indications of Waste Disposal                                    | 18 |

| 5.6 Surface Conditions   | 18 |
|--|----|
| 5.7 Stormwater and Flood Information   | 20 |
| 6.0 Signatures of Environmental Professionals                                | 21 |
| 7.0 Qualifications of Environmental Professionals Conducting the Phase I ESA | 22 |
|  |    |

# **List of Figures**

Figure 1 Site Location Map

Figure 2 Site Map

# **List of Appendices**

Appendix A User Questionnaire

Appendix B Mecklenburg County Tax Records

Appendix C EDR Documents

Appendix D Site Photographs

Appendix E Curriculum Vitae

Phase I Environmental Site Assessment
Undeveloped Property
Allen Station Drive and Clear Creek Commerce Drive
Mint Hill, North Carolina
H&H Job No. LDE-011

#### 1.0 Executive Summary

Hart & Hickman, PC (H&H) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E 1527-05 on an undeveloped site (subject site) located north of Allen Station Drive and the Clear Creek Commerce Drive Rotary in Mint Hill, Mecklenburg County, North Carolina. Any exceptions to, or deletions from, this practice are described in this report.

#### 1.1 Property Summary

H&H has provided a brief summary of the current and former uses of the site and nearby area below:

#### Subject Site

- The subject site consists of approximately 65 acres of undeveloped land, which abuts Allen Station Drive on the north side.
- The subject site has been historically utilized for agricultural purposes. The northern portion of the subject site was utilized as agricultural land until 2006. In the 1960s, the property owner discontinued agricultural uses on the eastern, western, and southern portions of the subject site. By the early 1970s, those areas transitioned to wooded land. H&H identified evidence of a former storage structure on the northeast portion of the subject site. Historical records indicate that this structure and at least two other former structures date back to the 1950s and 1960s.



#### Nearby Area

- Properties surrounding the subject site include undeveloped wooded land, railroad tracks, and residences to the north; Elizabeth's "Purdy" Trucks (13134 Albemarle Road) to northeast; Griffin Masonry, Inc. (11301 Blair Road), Diversified Equipment and Supply (11223 Blair Road) and residences to the east; undeveloped wooded land to the southeast; Rocky River High School (10505 Clear Creek Commerce Drive) to the south; and undeveloped wooded land to the west.
- Surrounding properties have historically consisted of residential and agricultural properties
  and undeveloped land. Rocky River High School was constructed in 2009. Commercial
  properties to the east are separated from the subject site by a wooded area.

#### 1.2 Findings, Opinions, and Conclusions

The purpose of a Phase I ESA is to identify Recognized Environmental Conditions (RECs) in connection with the property. RECs are environmental conditions that include the presence or likely presence of hazardous substances or petroleum products on the property that indicate an existing release, a past release, or a material threat of a release in structures on the property, or into the ground, ground water, or surface water on the property.

Our findings regarding RECs are based upon our review of historical records and maps; review of regulatory database records and/or regulatory agency files; interviews with persons familiar with the property; observations during the site reconnaissance; and data evaluation. Based upon our completion of Phase I ESA activities, H&H determined the following:

This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the property.

The following potential environmental concerns were identified in connection with the property which, based upon our evaluation, are not RECs.



- The former *Lemmond Store* site (12721 Albemarle Road) is located approximately 450 feet north of the subject site and is listed on the Leaking Underground Storage Tank (LUST) database. According to information provided in the database, petroleum contamination to soil and groundwater was reported. On-site USTs were removed in February 2007. The release incident is reportedly in the follow-up phase. Topographic conditions indicate groundwater from the site would likely flow in a northerly direction, which is away from the subject site. Based on the distance and estimated groundwater flow direction, the potential for impact to the subject site appears to be low.
- The former *R.T. White Plumbing Company* site (13216 Albemarle Road) is located approximately 600 feet northeast of the subject site and is listed on the Incident Management Database (IMD) and LUST databases. According to information provided in the databases, petroleum contamination was restricted to on-site soil. The release incident has been closed by the North Carolina Department of Environment and Natural Resources (DENR). Topographic conditions indicate groundwater from the site would likely flow in a southerly direction, which is away from the subject site. Based on the distance and estimated groundwater flow direction, the potential for impact to the subject site appears to be low.
- The former *Allen Gap Filler Annex* property (11525 Rocky River Church Road) is located approximately 1,200 feet north of the subject site and listed on the Former Used Defense Site (FUDS) database. The site was a Department of Defense Air Defense Radar Station in the 1960s. According to the database, there is a 5,000-gallon UST onsite. Topographic conditions indicate groundwater from the site would likely flow in a northwesterly direction, which is away from the subject site. Based on the distance and estimated groundwater flow direction, the potential for impact to the subject site appears to be low.
- During our site reconnaissance, H&H identified scrap metal debris scattered along a 50foot corridor of the stream located adjacent to the northeastern boundary of the subject
  site. The debris included half of a 55-gallon drum, corroded scrap metal, discarded

engine parts, and two severely corroded metal containers. H&H observed the ground surface and soil in close proximity to each piece of debris, but did not observe evidence of stained soil, unusual odors, or stressed vegetation. Based upon these conditions, the potential for impact to the subject site appears to be low.

#### 2.0 Introduction

This report presents the results of a Phase I ESA conducted on an undeveloped site (subject site) located north of Allen Station Drive and the Clear Creek Commerce Drive Rotary in Mint Hill, Mecklenburg County, North Carolina. H&H conducted this assessment for LandDesign and Aberdeen Carolina & Western Railway Co. in accordance with our authorized scope of work.

#### 2.1 Purpose and Scope of Services

The purpose of this assessment was to identify, to the extent feasible pursuant to the processes prescribed herein, recognized environmental conditions in connection with the property. Such environmental conditions include the presence or likely presence of hazardous substances or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products in structures on the property, or into the ground, ground water, or surface water on the property.

#### 2.2 Methodology

H&H performed this Phase I ESA in general conformance with ASTM procedure E 1527-05, Standard Practice for ESAs: Phase I Environmental Site Assessment Process. The assessment process consisted of four tasks:

- reviewing records
- interviewing current owner/occupants of the property and local government officials regarding the property (as appropriate)
- performing a site reconnaissance
- evaluating data and preparing a report

#### 2.3 Limitations and Exceptions of Assessment

The following items were beyond the scope of this assessment and thus H&H did not address them in this report:

- cultural, historical, and archaeological sites survey
- radon testing
- responsibilities of the User of this Phase I ESA to meet all appropriate inquiry as defined in ASTM E1527-05
- asbestos or lead-based paint survey
- drinking water testing
- rare and endangered species survey
- wetlands verification/delineation
- vapor intrusion and encroachment assessment

The User of this Phase I ESA has certain responsibilities to meet all appropriate inquiry as defined in ASTM E1527-05. H&H provided a User Questionnaire to Mr. Russell W. Smitley of Aberdeen Carolina & Western Railway Co. to, in part, address the User's responsibilities. A copy of the completed User Questionnaire is provided in Appendix A.

#### 2.4 Special Terms and Conditions

The conclusions presented in this report are professional opinions, based solely upon visual observations of the site and vicinity and our interpretation of the available historical information, documents reviewed, and analytical results as described in this report. They are intended exclusively for the purpose outlined herein and at the site location and the project indicated.

This report is intended for the sole use of LandDesign and Aberdeen Carolina & Western Railway Co. The report may not be relied upon by other parties without the express written consent of H&H, Aberdeen Carolina & Western Railway Co., and LandDesign. The scope of services performed in execution of this investigation may not be appropriate to satisfy the needs

of other users, and any use or re-use of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user.

It should be recognized that this study was not intended to be a definitive investigation of contamination at the subject property. It is possible that currently unrecognized contamination may exist at the site. Opinions and recommendations presented herein apply to site conditions existing at the time of our investigation and those reasonably foreseeable. They necessarily cannot apply to site changes of which H&H is unaware and has not had the opportunity to evaluate.

#### 2.5 Data Gaps and Limitations

H&H identified the following data gaps and limitations during our Phase I ESA activities:

- H&H attempted to contact a representative from the Mint Hill Fire Department. As of the writing of this report, a representative from the fire department had not responded to our request for information. This is considered a data gap in accordance with ASTM 1527-05. However, based on the quality of information obtained from other sources, this limitation is not expected to significantly alter the findings of this ESA.
- Details on the early history of the site are unknown. Approximately three former structures of unknown use were located on the property beginning in the 1950s or earlier.
   Based on the rural and agricultural nature of the site, this limitation is not expected to significantly alter the findings of this ESA. Please note that certain historical agricultural practices can leave behind residual soil contamination.

#### 3.0 Site and Area Description

#### 3.1 General Site Description and Use

A general site description for the site is noted below:

Site Description: undeveloped wooded land

Site Address: Allen Station Drive and Clear Creek Commerce Drive

Parcel Size: approximately 65 acres

The subject site is undeveloped land located approximately 1,400 feet southwest of the intersection of Albemarle Road and Blair Road in Mint Hill, Mecklenburg County, North Carolina.

#### 3.2 Site Structures and Improvements

Structures and improvements identified on the property included the following:

Building(s): remnants of a log structure on the northeast portion of the site

(See Section 5.6)

Other Improvements: none

#### 3.3 Property Owner, Manager, and Occupant

Based upon our site visit and a review of information on Mecklenburg County parcel record (see Appendix B), H&H identified the following property owner and parcel identification numbers associated with the subject property:

Parcel ID #: 13715239, 13715210, and a portion of 13715211

Owner Name: Albemarle Road Associates LLC

Occupant: undeveloped land



H&H interviewed Mr. Ken Chapman, Development Partner with Merrifield Patrick Vermillion during our Phase I ESA. Mr. Chapman granted H&H access onto the property and answered questions regarding site history. H&H has summarized the information obtained during our interview with Mr. Chapman in Section 4.3 of this report.

#### 3.4 Vicinity Characteristics

#### Land Use Surrounding the Subject Site

| Location  | Property Description  |
|-----------|---|
| North     | railroad tracks, undeveloped land, and residences   |
| Northeast | Elizabeth's "Purdy" Trucks (used truck and car dealer)  |
| East      | Griffin Masonry, Inc. (building contractor), Diversified Equipment and Supply (machine sales), and residences |
| Southeast | undeveloped wooded land   |
| South     | Rocky River High School   |
| West      | undeveloped land  |

None of the properties adjoining the subject site area identified on databases in the EDR environmental database report (Section 4.1).

#### 3.5 Physical Setting

The subject property's physical setting is presented as follows:

#### **Topography**

7.5-Minute Topographic Map: Mint Hill, NC (dated 1996)

Site Elevation: 710 to 770 feet above mean sea level

Topographic Gradient: generally to the south and southwest



The topography at the site slopes in a generally southwesterly direction towards unnamed tributaries of Clear Creek. A copy of the area USGS topographic quadrangle map is included as Figure 1.

#### Geology

The subject site is located in the Piedmont Physiographic Province of South Carolina. The land surface of the area is generally characterized as gently sloping, which may become moderately steep where dissected by streams. In the Piedmont, the bedrock is overlain by a mantle of weathered rock called saprolite or residuum. The saprolite consists of unconsolidated clay, silt, and sand with lesser amounts of rock fragments. Due to the range of parent rock types and their variable weathering characteristics, the saprolite ranges widely in color, texture, and thickness. Generally, the saprolite is thickest near interstream divides and thins toward streambeds. In profile, the saprolite normally grades from clayey soils near the land surface to highly weathered rock above the competent bedrock.

#### <u>Hydrogeology</u>

The occurrence and movement of ground water in the Piedmont is typically within two separate but interconnected water-bearing zones. A shallow water-bearing zone occurs within the saprolite, and a deeper water-bearing zone occurs within the underlying bedrock.

Groundwater in the shallow saprolite zone occurs in the interstitial pore spaces between the grains comprising the saprolite soils. Ground water in this zone is typically under water table or unconfined conditions. In general, ground water migrates laterally from recharge areas to small streams that serve as localized discharge points.

The occurrence and movement of ground water in the underlying water-bearing zone within the crystalline bedrock is controlled by secondary joints, fractures, faults, and dikes within the bedrock. On a regional scale, the direction of groundwater flow is typically from uplands to major streams and ground water sinks. The saprolite has a higher porosity than the bedrock and serves as a reservoir that supplies water to a network of fractures in the bedrock.

#### 4.0 Records Review

#### 4.1 Standard Environmental Record Sources – Federal, State and Local

H&H utilized Environmental Data Resources, Inc. (EDR), an environmental database search service, for a cursory review of Federal and State regulatory database files regarding regulated sites within the ASTM-specified search radii. EDR searched federal, state, local, tribal, and EDR proprietary databases on May 31, 2013. The EDR Report is included in Appendix C.

Upon our review of the EDR report, H&H identified and summarized the following information pertaining to the subject site, off-site properties, and unmappable orphan properties.

#### **Subject Site**

The subject property is not listed in the databases searched by EDR.

#### Off-Site Properties

H&H reviewed the Federal, State, Local, Tribal, and/or EDR Proprietary database listings for off-site properties in the general vicinity of the subject site. Based upon our review of the databases, H&H determined the following nearby properties warrant further discussion based on the nature of the database listing.

- The former *Lemmond Store* site (12721 Albemarle Road) is located approximately 450 feet north of the subject site and is listed on the Leaking UST (LUST) database. According to information provided in the database, petroleum contamination to soil and groundwater was reported. On-site USTs were removed in February 2007. The release incident is reportedly in follow up phase. The property is now occupied by Jake's Good Eats. Due to distance and area topography, the potential for impact to the subject site appears low.
- The former R.T. White Plumbing Company site (13216 Albemarle Road) is located approximately 600 feet northeast of the subject site and is listed on the Incident



Management Database (IMD) and LUST databases. According to information provided in the databases, petroleum contamination was restricted to on-site soil. The release incident has been closed out by DENR. The property is now owned by Killingsworth Environmental. Due to distance and area topography, the potential for impact to the subject site appears to be low.

The former Allen Gap Filler Annex site (11525 Rocky River Church Road) is located

approximately 1,200 feet north of the subject site and listed on the Former Used Defense

Site (FUDS) database. The site was a Department of Defense Air Defense Radar Station

in the 1960s. According to the database, there is a 5,000-gallon UST on-site.

Topographic conditions indicate groundwater from the site would likely flow in a

northwesterly direction, which is away from the subject site. H&H searched DENR IMD

and did not identify reported releases for this site. Due to distance and area topography,

the potential for impact to the subject site appears low.

**Unmappable Properties** 

H&H reviewed a list of unmappable sites presented in the EDR database report. Unmappable

sites do not contain sufficient address information in the environmental databases to plot them on

a map. H&H reviewed the area near the subject property for these unmappable sites and was

unable to locate any of the listed unmappable sites adjacent to the subject site.

4.2 Other Records Review

Fire Department

Fire Department Contact:

Mint Hill Fire Department

H&H attempted to contact a representative from the Mint Hill Fire Department. As of the

writing of this report, a representative from the fire department had not responded to our request

for information. This is considered a data gap in accordance with ASTM 1527-05. However,

based on the quality of information obtained from other sources, this limitation is not expected to

significantly alter the findings of this investigation.

hart hickman SMARTER ENVIRONMENTAL SOLUTIONS

## **4.3 Historical Use Information**

## Aerial Photographs

H&H conducted a review of aerial photographs to identify past site usage. The results of the review are summarized in the following table.

| Year     | Scale     | Subject Property  | Surrounding Property  |
|----------|-----------|---|---|
| 1950 (A) | 1"=500"   | the subject site is primarily agricultural land; a structure is visible approximately 350 feet south of the railroad tracks on the northeast portion of the site; and a structure is present near the northeast property line | surrounding properties include<br>undeveloped and agricultural land and<br>residential properties; railroad tracks<br>abut the northern property boundary |
| 1968 (A) | 1"=500"   | similar to the 1950 aerial, except a structure is present in the northeast portion of the site  | more residences are visible along<br>Albemarle Road   |
| 1973 (A) | 1"=1,000" | similar to the 1968 aerial, except the structures on the 1950 aerial are covered by trees or no longer present  | similar to the 1968 aerial photograph   |
| 1976 (A) | 1"=1,000" | similar to the 1973 aerial photograph   | increased development along<br>Albemarle Road is visible.   |
| 1983 (A) | 1"=500"   | all but the northern portion of the site is now wooded  | similar to the 1976 aerial photograph   |
| 1988 (A) | 1"=1,000" | similar to the 1983 aerial photograph   | more residential development north<br>and northeast of the subject site is<br>visible   |
| 1993 (A) | 1"=500'   | similar to the 1988 aerial photograph, except the structure just south of the railroad tracks is not present  | similar to the 1988 aerial photograph   |



| Year     | Scale   | Subject Property  | Surrounding Property  |
|----------|---------|---|---|
| 1996 (A) | 1"=750" | similar to the 1993 aerial photograph   | similar to the 1993 aerial photograph   |
| 2005 (A) | 1"=500" | similar to the 1996 aerial photograph   | similar to the 1996 aerial photograph   |
| 2006 (A) | 1"=500" | an area has been graded for road access   | grading for Allen Station Drive is visible  |
| 2008 (A) | 1"=500" | similar to the 2006 aerial photograph   | Allen Station Drive appears to have been paved  |
| 2009 (A) | 1"=500" | the northeast portion of the site has<br>been graded; based upon the grading<br>and cleared vegetation, no structures<br>remain | the Rocky River High School is visible; a new residential development to the northeast is visible |
| 2010 (A) | 1"=500" | similar to the 2009 aerial photograph   | similar to the 2009 aerial photograph   |
| 2012 (A) | 1"=500" | similar to the 2010 aerial photograph   | similar to the 2010 aerial photograph   |

Aerial Photograph Sources: (A) EDR

Details on the early history of the site are unknown. Approximately three former structures of unknown use were located on the property beginning in the 1950s or earlier. Based on the rural and agricultural nature of the site, this limitation is not expected to significantly alter the findings of this ESA.

#### **City Directories**

City and Cross Reference Directory coverage: 1921 to 2012 (EDR)

Subject Property: not listed

The subject site is not identified in available city directories. The report did not identify any adjoining properties.

#### Sanborn Fire Insurance Maps

Sanborn Fire Insurance Map coverage: no coverage

#### User Questionnaire

*User Questionnaire completed by:* Mr. Russell W. Smitley

H&H submitted a User Questionnaire to Mr. Russell Smitley to complete. Mr. Smitley indicated that the User is not aware of environmental cleanup liens, activity or use limitations related to contamination, discounted purchase price related to contamination, spills or environmental cleanup on the property, or indications of the presence or likely presence of contamination. H&H has included a copy of the completed User Questionnaire in Appendix A.

#### Interview

H&H interviewed site contact Mr. Ken Chapman on Monday, June 10. According to Mr. Chapman, the subject site has historically been undeveloped land. Mr. Drew is not aware of illegal dumping, underground storage tanks (USTs), aboveground storage tanks (ASTs), or other potential environmental issues associated with the subject site.



#### Historical Use Summary

The subject site has been historically utilized for agricultural purposes. The northern portion of the subject site was utilized as agricultural land until 2006. In the 1960s, the property owner discontinued agricultural uses on the eastern, western, and southern portions of the subject site. By the early 1970s, those areas transitioned to wooded land. H&H identified evidence of a former storage structure on the northeast portion of the subject site. Historical records indicate that this structure and at least two other former structures date back to the 1950s and 1960s.

Surrounding properties have historically consisted of residential and agricultural properties and undeveloped land. Rocky River High School was constructed in 2009. Commercial properties to the east are separated from the subject site by a wooded area.

**5.0** Site Reconnaissance

Mr. Jay Quattrocchi of H&H conducted a visual reconnaissance of the subject site on June 6

and 11, 2013. The weather conditions at the times of the site visits were cloudy and rainy with

temperatures in the high 70s °F. General images of the subject site and surrounding property are

included as Photographs 1 through 8. H&H has included site photographs in Appendix D.

5.1 Hazardous Substances

H&H did not observe evidence of potentially hazardous materials during our reconnaissance of

the subject site.

5.2 Storage Tanks and Sumps

During our site visit, H&H visually assessed the subject site for the presence of storage tanks and

sumps. A summary of our assessment is presented below.

Underground Storage Tanks (USTs): not observed on the subject property

Aboveground Storage Tanks (ASTs): not observed on the subject property

Sumps: not observed on the subject property

H&H did not identify obvious evidence of USTs or ASTs during our site visit. Site contact Mr.

Chapman reported that he does not have knowledge of storage tanks associated with the subject

site.

5.3 Water and Wastewater Issues

Water and wastewater use and issues are summarized below.

Water

Municipal Water Charlotte-Mecklenburg Utility Department

Water Supply Wells: none observed on the subject property

hart hickman

SMARTER ENVIRONMENTAL SOLUTIONS

Wastewater

Sanitary Sewage:

Septic Systems:

Charlotte-Mecklenburg Utility Department none observed on the subject property

H&H did not identify evidence of a former water supply well or septic system during our

inspection of the property. Site contact Mr. Chapman reported that he does not have knowledge

of septic systems or water supply wells associated with the subject site. However, it is possible

that septic systems and water supply wells served previous site structures.

5.4 Indications of PCBs

Polychlorinated biphenyls (PCBs) are sometimes found in mineral oils used in electrical

equipment including transformers. PCBs are a potential environmental contaminant.

*Transformers:* 

none observed on the subject site

H&H did not identify electrical lines or transformers located on the subject property during our

site reconnaissance.

5.5 Indications of Waste Disposal

During our reconnaissance of the subject property, H&H identified the following waste disposal

areas:

Waste Containers:

half of a 55-gallon drum

Debris Piles:

a pile of discarded erosion control supplies

(approximately 250 feet northeast of the rotary) and

other scattered debris

H&H identified scrap metal debris scattered along a 50-foot corridor of the stream located along

the northeastern boundary of the subject site (Photographs 3 & 4). The debris included half of a

55-gallon drum, corroded scrap metal, discarded engine parts, and severely corroded metal



containers. H&H observed the ground surface and soil in close proximity to each piece of debris, but did not observe evidence of stained soil, unusual odors, or stressed vegetation.

H&H identified a discarded television located behind the concrete barriers on the northeast portion of the Allen Station Drive rotary (Photograph 5). H&H did not observe evidence of stained soil, unusual odors, or stressed vegetation in the vicinity of the television.

H&H identified a debris pile of discarded erosion and sediment control perforated tubing and scrap wood (Photograph 6) located approximately 250 feet northeast of the rotary. H&H did not observe evidence of stained soil, unusual odors, or stressed vegetation in the vicinity of the debris pile.

H&H did not observe additional evidence of obvious mounds, pits, depressions or unusually disturbed areas during reconnaissance of the subject site.

#### **5.6 Surface Conditions**

During our reconnaissance of the subject property, H&H identified the following surface conditions:

Surface conditions:

wooded areas, streams, and wetlands

H&H identified two concrete slabs and two rock walls located on the northeast portion of the subject site approximately 350 feet south of the railroad tracks (Figure 2 and Photographs 7 & 8). The first rock wall was approximately 7 feet high and 10 feet long and orientated north to south. The second rock wall intersected the first at a 90-degree angle and was approximately 6 feet high and 25 feet in length and orientated east to west. H&H noted an approximately 100-square foot concrete slab at the base of both walls. H&H located a second concrete slab, which was level with the top of the rock walls, approximately 5 to 10 feet north of the rock walls. The second concrete slab was approximately 8 feet wide and 25 feet long. H&H observed shards of broken glass on the concrete pad. H&H did not observe evidence of stained soil, unusual odors, or

stressed vegetation in the vicinity of the rock walls or concrete slabs. Site contact Ken Chapman said the rock walls and concrete slabs were likely associated with log structure that was removed during on-site grading activities in 2009. Mr. Chapman stated the structure apparently dated to the 1950s and to his knowledge there were no hazardous materials or petroleum products associated with the log structure.

#### 5.7 Stormwater and Flood Information

The following is a summary of stormwater and flood information:

#### Stormwater

Stormwater flows across western half of the subject site in a southwesterly direction towards an unnamed tributary of Clear Creek. Stormwater from the east portion of the subject site flows in southerly direction toward an unnamed tributary of Clear Creek. H&H did not observe obvious environmental concerns associated with stormwater or to surface waters of the on-site streams.

#### **Flood Information**

FEMA Flood Insurance Rate Map (FIRM): Map ID # 3710551300J (March 2, 2009)

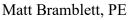
The FEMA map indicates that subject site is not in a 100- or 500-year flood zone.

#### 6.0 Signatures of Environmental Professionals

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in Section 312.10 of 40 CFR 312, and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth for the environmental professional in 40 CFR Part 312.

**Environmental Professional:** 

Watt Framblett



Principal

Assisted by:

Jay Quattrocchi

**Environmental Scientist** 

#### 7.0 Qualifications of Environmental Professionals Conducting the Phase I ESA

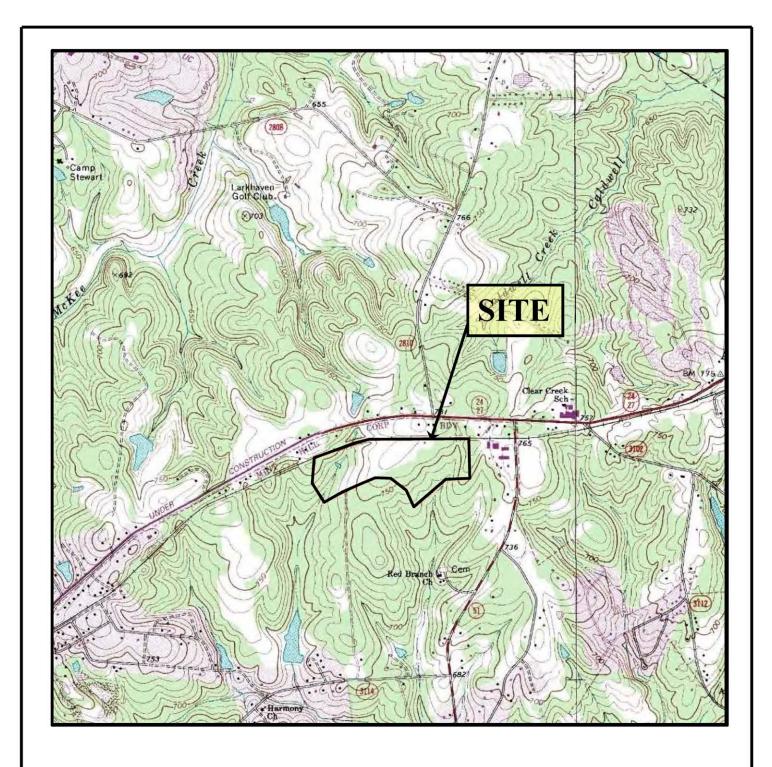
#### **Environmental Professional**

Matt Bramblett, PE, has over 18 years experience providing environmental engineering and hydrogeologic consultation for governmental, industrial, and commercial sites. Experience includes due diligence, assessment and remediation of petroleum, heavy metal, chlorinated pesticides, PCB, and solvent impacted sites, ground water modeling, contaminant transport modeling, and risk assessments.

#### Assisted By:

**Jay Quattrocchi, Environmental Scientist**, has 6 years of experience in the environmental consulting industry. Mr. Quattrocchi is currently serving as an Environmental Scientist at H&H performing Phase I ESAs and wetland and stream delineations. He also has experience performing water quality sampling and NPDES inspections.

Curriculum vitae for the above personnel are included in Appendix E.







U.S.G.S. QUADRANGLE MAP

MINT HILL, NORTH CAROLINA 1996

QUADRANGLE 7.5 MINUTE SERIES (TOPOGRAPHIC)

| LE |                   |
|----|-------------------|
|    | SITE LOCATION MAP |

**UNDEVELOPED SITE** ALLEN STATION DR &CLEAR CREEK COMMERCE DR CHARLOTTE, NORTH CAROLINA



SMARTER ENVIRONMENTAL SOLUTIONS

| DATE:   | 6-7-13  | REVISION NO: | 0 |
|---------|---------|--------------|---|
| JOB NO: | LDE-011 | FIGURE:      | 1 |





SUBJECT SITE BOUNDARY

APPROXIMATE
0 500 1000

SCALE IN FEET

.

SITE MAP

UNDEVELOPED SITE

ALLEN STATION DR & CLEAR CREEK COMMERCE DR MINT HILL, NORTH CAROLINA



2923 South Tryon Street-Suite 100 Charlotte, North Carolina 28203 704-586-0007(p) 704-586-0373(f) License # C-1269 / #C-245 Geology

SMARTER ENVIRONMENTAL SOLUTIONS

REVISION NO. 0

DATE: 06-11-13

JOB NO. LDE-011

NO. LDE-011 FIGURE NO. 2



Appendix A

**User Questionnaire** 





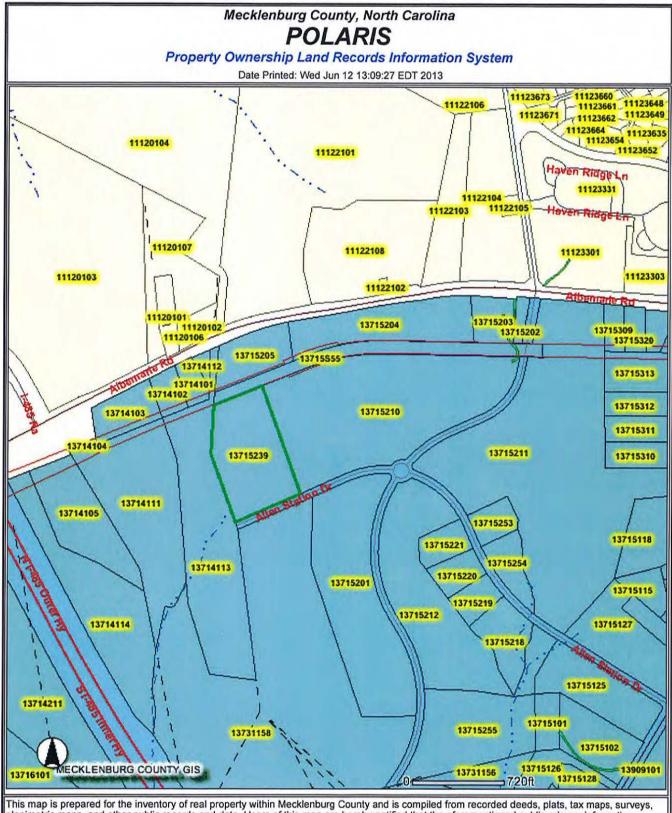
|    | ASTM E1527-05 USER QUESTIONNAIRE  |
|----|---|
|    | Project Name: Project Beel Clean Capachotion of Site Address:   |
|    | Project Manager: Kussell N. Smithy NC 24/270  |
|    | Project Number: Project Number: Rocky River Church K  |
|    | Questions User  |
| 1. | Are you aware of any environmental cleanup liens against the property that are filed or recorded Yes No   |
| 2. | Are you aware of any activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?   |
| 3. | As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? |
| 4. | Does the purchase price being paid for this property reasonably reflect the fair market value of property? If you conclude that there is a difference, have you considered whether the lowest purchase price is because contamination is known or believed to be present at the property?   |
| 5  | Are you aware of the commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user:   |
|    | (a) Do you know the past uses of the property?  |
|    | (b) Do you know of specific chemicals that are present or once were present at the property?  |
|    | (c) Do you know of spills or other chemical releases that have taken place at the property?   |
|    | (d) Do you know of any environmental cleanups that have taken place at the property?  |
| 6. | As the user of the ESA, based on your knowledge of the property and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination of the property?  |
|    | <u>USER INFORMATION</u>   |
|    | User Name: RYSSELL W SMITTLEY   |
|    | Signature: Kussell - Smuthy   |
|    | Company/Affiliation: aberdeen Carolina + Western Railway Co   |
|    | Address: 102 Depot Street   |
|    | Star, nC 27356  |
|    | Date: June 11, 2013   |

Instructions: Complete the top of the page, circle responses to questions, and complete User Information at bottom of page.

# Appendix B

**Mecklenburg County Tax Records** 





This map is prepared for the inventory of real property within Mecklenburg County and is compiled from recorded deeds, plats, tax maps, surveys, planimetric maps, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification. Mecklenburg County and its mapping contractors assume no legal responsibility for the information contained herein.



#### Economic Development GIS Charlotte-Mecklenburg, NC

Location

PID: 13715239

Owner(s): ALBEMARLE ROAD ASSOCIATES LLC Situs Address: ALLEN STATION DR, MINT HILL

Mailing Address: PO BOX 1395 MATTHEWS, NC 28106

Building/Property

Total Tax Value: \$339900 Heated Square Feet: 0

Year Built: Building Type: Story Height: Property Use Type:

Zoning: SINGLE FAMILY RESIDENTIAL - RURAL ACREAGE

Total Acreage: 10.72000 Land Units: 10.72000 Land Unit Type: AC Account Type: NC CORP Fire District: MINT HILL



#### Economic Development GIS Charlotte-Mecklenburg, NC

Location

PID: 13715210

Owner(s): ALBEMARLE ROAD ASSOCIATES LLC & C/O MERRIFIELD PATRICK

Situs Address: ALBEMARLE RD, MINT HILL

Mailing Address: 521 EAST MOREHEAD ST #400 CHARLOTTE, NC 28202

Building/Property

Total Tax Value: \$1102600

Heated Square Feet:

Year Built:

Building Type:

Story Height:

Property Use Type:

Zoning: SINGLE FAMILY RESIDENTIAL - RURAL ACREAGE

Total Acreage: 37.20000 Land Units: 37.20000 Land Unit Type: AC Account Type: NC CORP

Fire District: MINT HILL



#### Economic Development GIS Charlotte-Mecklenburg, NC

Location

PID: 13715211

Owner(s): ALBEMARLE ROAD ASSOCIATES LLC & C/O MERRIFIELD PATRICK

Situs Address: ALBEMARLE RD, MINT HILL

Mailing Address: 521 EAST MOREHEAD ST #400 CHARLOTTE, NC 28202

Building/Property

Total Tax Value: \$4478000

Heated Square Feet: 0

Year Built:

Building Type:

Story Height:

Property Use Type:

Zoning: COMMERCIAL

Total Acreage: 51.21380

Land Units: 2238984.00000

Land Unit Type: SF

Account Type: NC CORP

Fire District: MINT HILL

Appendix C

**EDR Documents** 



# **Undeveloped Site**

Clear Creek Commerce Dr and Allen Station Dr Charlotte, NC 28227

Inquiry Number: 3621799.2s

May 31, 2013

# The EDR Radius Map™ Report with GeoCheck®



### **TABLE OF CONTENTS**

| SECTION  | PAGE       |
|--|------------|
| Executive Summary                                  | ES1        |
| Overview Map.                                      | <b>2</b>   |
| Detail Map.  | 3          |
| Map Findings Summary                               | 4          |
| Map Findings.                                      |            |
| Orphan Summary.                                    |            |
| Government Records Searched/Data Currency Tracking | GR-1       |
| GEOCHECK ADDENDUM                                  | •          |
| Physical Setting Source Addendum                   | <b>A-1</b> |
| Physical Setting Source Summary                    | A-2        |
| Physical Setting SSURGO Soil Map.                  | A-5        |
| Physical Setting Source Map                        | A-13       |
| Physical Setting Source Map Findings               | A-15       |
| Physical Setting Source Records Searched           | A-20       |

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

### **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

### **ADDRESS**

CLEAR CREEK COMMERCE DR AND ALLEN STATION DR CHARLOTTE, NC 28227

### **COORDINATES**

Latitude (North): 35.2207000 - 35° 13' 14.52" Longitude (West): 80.6383000 - 80° 38' 17.88"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 532917.7 UTM Y (Meters): 3897380.0

Elevation: 770 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 35080-B6 MINT HILL, NC

Most Recent Revision: 1996

East Map: 35080-B5 MIDLAND, NC

Most Recent Revision: 1996

### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Photo Year: 2012 Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### **DATABASES WITH NO MAPPED SITES**

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

#### STANDARD ENVIRONMENTAL RECORDS

| Federal NPL site list |                        |
|-----------------------|------------------------|
| NPL                   | National Priority List |

Proposed NPL..... Proposed National Priority List Sites NPL LIENS..... Federal Superfund Liens Federal Delisted NPL site list Delisted NPL..... National Priority List Deletions Federal CERCLIS list FEDERAL FACILITY..... Federal Facility Site Information listing Federal CERCLIS NFRAP site List CERC-NFRAP..... CERCLIS No Further Remedial Action Planned Federal RCRA CORRACTS facilities list CORRACTS..... Corrective Action Report Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF...... RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-LQG\_\_\_\_\_\_RCRA - Large Quantity Generators RCRA-SQG..... RCRA - Small Quantity Generators RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator Federal institutional controls / engineering controls registries US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL..... Sites with Institutional Controls LUCIS.....Land Use Control Information System Federal ERNS list ERNS..... Emergency Response Notification System State- and tribal - equivalent NPL NC HSDS..... Hazardous Substance Disposal Site State- and tribal - equivalent CERCLIS SHWS..... Inactive Hazardous Sites Inventory State and tribal landfill and/or solid waste disposal site lists SWF/LF..... List of Solid Waste Facilities OLI..... Old Landfill Inventory State and tribal leaking storage tank lists LUST TRUST..... State Trust Fund Database

LAST...... Leaking Aboveground Storage Tanks
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### State and tribal registered storage tank lists

UST......Petroleum Underground Storage Tank Database

AST..... AST Database

INDIAN UST...... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

### State and tribal institutional control / engineering control registries

### State and tribal voluntary cleanup sites

### State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Projects Inventory

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

### Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9...... Torres Martinez Reservation Illegal Dump Site Locations

### Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

US HIST CDL..... National Clandestine Laboratory Register

### **Local Land Records**

LIENS 2..... CERCLA Lien Information

### Records of Emergency Release Reports

HMIRS...... Hazardous Materials Information Reporting System SPILLS 90...... SPILLS 90 data from FirstSearch SPILLS 80...... SPILLS 80 data from FirstSearch

### Other Ascertainable Records

RCRA NonGen / NLR...... RCRA - Non Generators

DOT OPS..... Incident and Accident Data DOD..... Department of Defense Sites

CONSENT...... Superfund (CERCLA) Consent Decrees

ROD...... Records Of Decision UMTRA..... Uranium Mill Tailings Sites US MINES..... Mines Master Index File

TRIS....... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

FTTS\_\_\_\_\_\_FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS...... FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

ICIS...... Integrated Compliance Information System PADS...... PCB Activity Database System MLTS..... Material Licensing Tracking System

RADINFO...... Radiation Information Database

FINDS..... Facility Index System/Facility Registry System RAATS......RCRA Administrative Action Tracking System

RMP..... Risk Management Plans

UIC...... Underground Injection Wells Listing

DRYCLEANERS..... Drycleaning Sites

NPDES Facility Location Listing

INDIAN RESERV...... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing US AIRS...... Aerometric Information Retrieval System Facility Subsystem

PRP...... Potentially Responsible Parties 2020 COR ACTION...... 2020 Corrective Action Program List

EPA WATCH LIST..... EPA WATCH LIST

US FIN ASSUR..... Financial Assurance Information

PCB TRANSFORMER\_\_\_\_\_PCB Transformer Registration Database

COAL ASH..... Coal Ash Disposal Sites

COAL ASH DOE Steam-Electric Plant Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

Financial Assurance Information Listing

LEAD SMELTERS..... Lead Smelter Sites

### **EDR HIGH RISK HISTORICAL RECORDS**

### **EDR Exclusive Records**

EDR MGP..... EDR Proprietary Manufactured Gas Plants EDR US Hist Auto Stat ...... EDR Exclusive Historic Gas Stations

### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### STANDARD ENVIRONMENTAL RECORDS

### State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incidents Management Database contains an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environment, & Natural Resources' Incidents by Address.

A review of the LUST list, as provided by EDR, and dated 02/08/2013 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

| Lower Elevation              | Address              | Direction / Distance      | Map ID | Page |
|------------------------------|----------------------|---------------------------|--------|------|
| LEMMOND STORE                | 12721 ALBEMARLE ROAD | N 1/8 - 1/4 (0.197 mi.)   | A2     | 7    |
| R. T. WHITE PLUMBING COMPANY | 13216 ALBEMARLE ROAD | ENE 1/4 - 1/2 (0.466 mi.) | 4      | 9    |
| Incident Phase: Closed Out   |                      |                           |        |      |

#### ADDITIONAL ENVIRONMENTAL RECORDS

### Records of Emergency Release Reports

IMD: Incident Management Database.

A review of the IMD list, as provided by EDR, and dated 07/21/2006 has revealed that there is 1 IMD site within approximately 0.5 miles of the target property.

| Lower Elevation              | Address              | Direction / Distance      | Map ID | Page |
|------------------------------|----------------------|---------------------------|--------|------|
| R. T. WHITE PLUMBING COMPANY | 13216 ALBEMARLE ROAD | ENE 1/4 - 1/2 (0.466 mi.) | 4      | 9    |

### Other Ascertainable Records

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 12/31/2011 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance      | Map ID | Page |
|------------------------|---------|---------------------------|--------|------|
| ALLEN GAP FILLER ANNEX |         | NNE 1/4 - 1/2 (0.304 mi.) | 3      | 9    |

### **EDR HIGH RISK HISTORICAL RECORDS**

**EDR Exclusive Records** 

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there is 1 EDR US Hist Cleaners site within approximately 0.25 miles of the target property.

| Lower Elevation | Address            | Direction / Distance    | Map ID | Page |
|-----------------|--------------------|-------------------------|--------|------|
| Not reported    | 12715 ALBEMARLE RD | N 1/8 - 1/4 (0.196 mi.) | A1     | 7    |

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name Database(s)

NCDOT BRIDGE 108 JOHN CROSLAND COMPANY HENSON'S, INC. MULCH & MORE

**VAN WATERS & ROGERS** 

NCDOT ASPHALT SITE #2 (CROWDER CON

**ELMWOOD CIRCLE** H. M. WADE FURNITURE TEXTILE CHEMICAL FACILITY **HWY 49 BATTERY DUMP QUEENS PROPERTY** AQUAIR CORPORATION THIRD AND CHURCH STREET

DOW CHEMICAL CORP/ALLIED CHEMICAL DOVE ENVIRONMENTAL STORAGE UNIT DR MECKLENBURG COUNTY LANDFILL C D SPANGLER CONSTRUCTION CO

B. G. WHISNANT PROPERTY

DOVE ENVIRONMENTAL STORAGE UNIT DR

QUICK STOP

VULCAN MATERIALS CO.

HWS,IMD,LAST LF,HIST LF LF,HIST LF **HWS** 

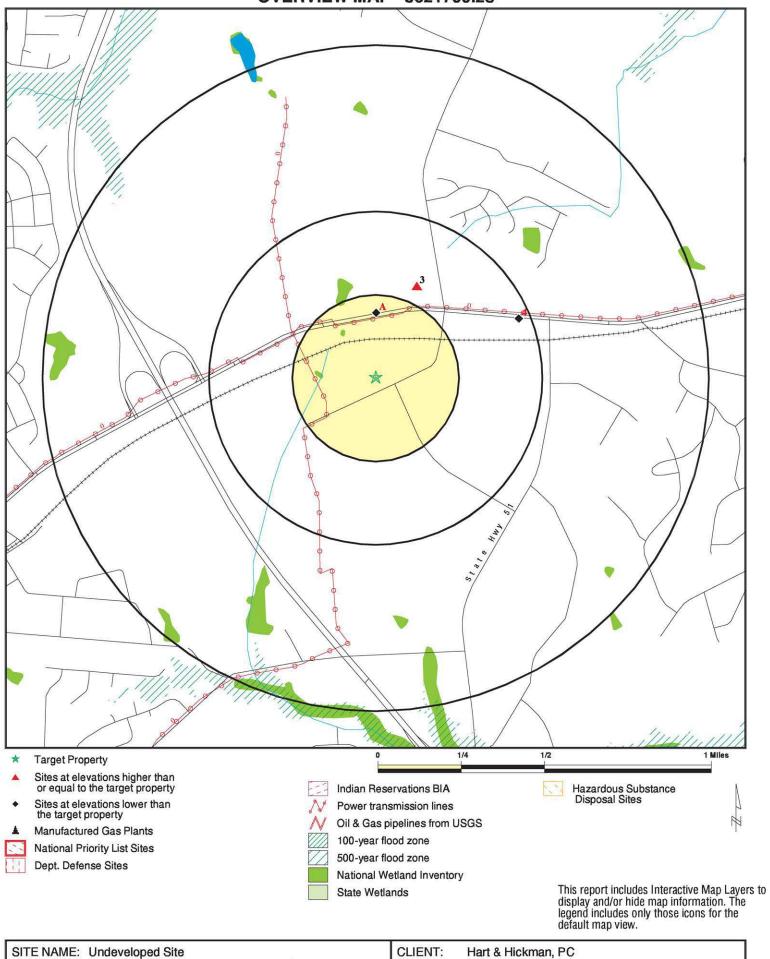
**HWS** HWS,IMD HWS,IMD **HWS** HWS,IMD **HWS** HWS HWS,IMD **HWS CERCLIS** LF

LF LUST **FINDS** 

**BROWNFIELDS** 

**MINES** 

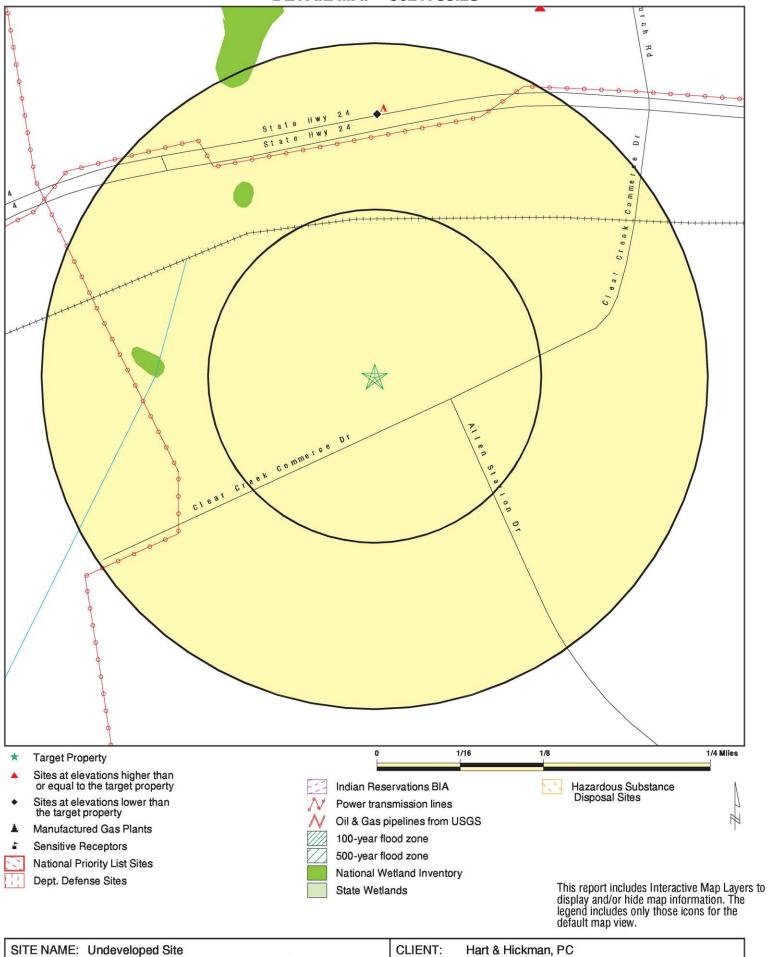
# **OVERVIEW MAP - 3621799.2s**



Clear Creek Commerce Dr and Allen Station Dr Charlotte NC 28227 ADDRESS:

LAT/LONG: 35.2207 / 80.6383 CLIENT: CONTACT: Hart & Hickman, PC Jay Quattrocchi INQUIRY #: 3621799.2s May 31, 2013 2:11 pm DATE:

## **DETAIL MAP - 3621799.2s**



ADDRESS: Clear Creek Com

Clear Creek Commerce Dr and Allen Station Dr Charlotte NC 28227

Charlotte NC 28227 LAT/LONG: 35.2207 / 80.6383 CLIENT: Hart & Hickman, PC CONTACT: Jay Quattrocchi INQUIRY#: 3621799.2s DATE: May 31, 2013 2:12 pm

Copyright © 2013 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

# **MAP FINDINGS SUMMARY**

| Database   | Search<br>Distance<br>(Miles) | Target<br>Property | < 1/8        | 1/8 - 1/4    | 1/4 - 1/2      | 1/2 - 1        | > 1            | Total<br>Plotted |
|--|-------------------------------|--------------------|--------------|--------------|----------------|----------------|----------------|------------------|
| STANDARD ENVIRONMENT                                       | AL RECORDS                    |                    |              |              |                |                |                |                  |
| Federal NPL site list                                      |                               |                    |              |              |                |                |                |                  |
| NPL<br>Proposed NPL<br>NPL LIENS                           | 1.000<br>1.000<br>TP          |                    | 0<br>0<br>NR | 0<br>0<br>NR | 0<br>0<br>NR   | 0<br>0<br>NR   | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal Delisted NPL site                                  | e list                        |                    |              |              |                |                |                |                  |
| Delisted NPL   | 1.000                         |                    | 0            | 0            | 0              | 0              | NR             | 0                |
| Federal CERCLIS list                                       |                               |                    |              |              |                |                |                |                  |
| CERCLIS<br>FEDERAL FACILITY                                | 0.500<br>0.500                |                    | 0<br>0       | 0<br>0       | 0<br>0         | NR<br>NR       | NR<br>NR       | 0<br>0           |
| Federal CERCLIS NFRAF                                      | site List                     |                    |              |              |                |                |                |                  |
| CERC-NFRAP   | 0.500                         |                    | 0            | 0            | 0              | NR             | NR             | 0                |
| Federal RCRA CORRACT                                       | TS facilities lis             | st                 |              |              |                |                |                |                  |
| CORRACTS   | 1.000                         |                    | 0            | 0            | 0              | 0              | NR             | 0                |
| Federal RCRA non-CORI                                      | RACTS TSD fa                  | acilities list     |              |              |                |                |                |                  |
| RCRA-TSDF  | 0.500                         |                    | 0            | 0            | 0              | NR             | NR             | 0                |
| Federal RCRA generators                                    | s list                        |                    |              |              |                |                |                |                  |
| RCRA-LQG<br>RCRA-SQG<br>RCRA-CESQG                         | 0.250<br>0.250<br>0.250       |                    | 0<br>0<br>0  | 0<br>0<br>0  | NR<br>NR<br>NR | NR<br>NR<br>NR | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal institutional contended in the second controls reg |                               |                    |              |              |                |                |                |                  |
| US ENG CONTROLS<br>US INST CONTROL<br>LUCIS                | 0.500<br>0.500<br>0.500       |                    | 0<br>0<br>0  | 0<br>0<br>0  | 0<br>0<br>0    | NR<br>NR<br>NR | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal ERNS list  |                               |                    |              |              |                |                |                |                  |
| ERNS   | TP                            |                    | NR           | NR           | NR             | NR             | NR             | 0                |
| State- and tribal - equival                                | lent NPL                      |                    |              |              |                |                |                |                  |
| NC HSDS  | 1.000                         |                    | 0            | 0            | 0              | 0              | NR             | 0                |
| State- and tribal - equival                                | lent CERCLIS                  | ;                  |              |              |                |                |                |                  |
| SHWS   | 1.000                         |                    | 0            | 0            | 0              | 0              | NR             | 0                |
| State and tribal landfill a solid waste disposal site      |                               |                    |              |              |                |                |                |                  |
| SWF/LF<br>OLI  | 0.500<br>0.500                |                    | 0<br>0       | 0<br>0       | 0<br>0         | NR<br>NR       | NR<br>NR       | 0<br>0           |
| State and tribal leaking s                                 | torage tank li                | ists               |              |              |                |                |                |                  |
| LUST   | 0.500                         |                    | 0            | 1            | 1              | NR             | NR             | 2                |

# **MAP FINDINGS SUMMARY**

| Database   | Search<br>Distance<br>(Miles)             | Target<br>Property | < 1/8               | <u>1/8 - 1/4</u>    | 1/4 - 1/2            | 1/2 - 1                    | > 1                        | Total<br>Plotted |
|--|---|--------------------|---------------------|---------------------|----------------------|----------------------------|----------------------------|------------------|
| LUST TRUST<br>LAST<br>INDIAN LUST                        | 0.500<br>0.500<br>0.500                   |                    | 0<br>0<br>0         | 0<br>0<br>0         | 0<br>0<br>0          | NR<br>NR<br>NR             | NR<br>NR<br>NR             | 0<br>0<br>0      |
| State and tribal registere                               | d storage tar                             | nk lists           |                     |                     |                      |                            |                            |                  |
| UST<br>AST<br>INDIAN UST<br>FEMA UST                     | 0.250<br>0.250<br>0.250<br>0.250          |                    | 0<br>0<br>0<br>0    | 0<br>0<br>0<br>0    | NR<br>NR<br>NR<br>NR | NR<br>NR<br>NR<br>NR       | NR<br>NR<br>NR<br>NR       | 0<br>0<br>0<br>0 |
| State and tribal institutio control / engineering con    |   | s                  |                     |                     |                      |                            |                            |                  |
| INST CONTROL   | 0.500                                     |                    | 0                   | 0                   | 0                    | NR                         | NR                         | 0                |
| State and tribal voluntary                               | / cleanup site                            | es                 |                     |                     |                      |                            |                            |                  |
| VCP<br>INDIAN VCP  | 0.500<br>0.500                            |                    | 0<br>0              | 0<br>0              | 0<br>0               | NR<br>NR                   | NR<br>NR                   | 0<br>0           |
| State and tribal Brownfie                                | lds sites                                 |                    |                     |                     |                      |                            |                            |                  |
| BROWNFIELDS  | 0.500                                     |                    | 0                   | 0                   | 0                    | NR                         | NR                         | 0                |
| ADDITIONAL ENVIRONMEN                                    | TAL RECORDS                               | <u>s</u>           |                     |                     |                      |                            |                            |                  |
| Local Brownfield lists                                   |   |                    |                     |                     |                      |                            |                            |                  |
| US BROWNFIELDS   | 0.500                                     |                    | 0                   | 0                   | 0                    | NR                         | NR                         | 0                |
| Local Lists of Landfill / S<br>Waste Disposal Sites      | olid                                      |                    |                     |                     |                      |                            |                            |                  |
| DEBRIS REGION 9<br>ODI<br>HIST LF<br>SWRCY<br>INDIAN ODI | 0.500<br>0.500<br>0.500<br>0.500<br>0.500 |                    | 0<br>0<br>0<br>0    | 0<br>0<br>0<br>0    | 0<br>0<br>0<br>0     | NR<br>NR<br>NR<br>NR<br>NR | NR<br>NR<br>NR<br>NR<br>NR | 0<br>0<br>0<br>0 |
| Local Lists of Hazardous<br>Contaminated Sites           | waste /                                   |                    |                     |                     |                      |                            |                            |                  |
| US CDL<br>US HIST CDL                                    | TP<br>TP                                  |                    | NR<br>NR            | NR<br>NR            | NR<br>NR             | NR<br>NR                   | NR<br>NR                   | 0<br>0           |
| Local Land Records                                       |   |                    |                     |                     |                      |                            |                            |                  |
| LIENS 2  | TP  |                    | NR                  | NR                  | NR                   | NR                         | NR                         | 0                |
| Records of Emergency R                                   | Release Repo                              | rts                |                     |                     |                      |                            |                            |                  |
| HMIRS<br>IMD<br>SPILLS 90<br>SPILLS 80                   | TP<br>0.500<br>TP<br>TP                   |                    | NR<br>0<br>NR<br>NR | NR<br>0<br>NR<br>NR | NR<br>1<br>NR<br>NR  | NR<br>NR<br>NR<br>NR       | NR<br>NR<br>NR<br>NR       | 0<br>1<br>0<br>0 |
| Other Ascertainable Rec                                  | ords                                      |                    |                     |                     |                      |                            |                            |                  |
| RCRA NonGen / NLR  | 0.250                                     |                    | 0                   | 0                   | NR                   | NR                         | NR                         | 0                |

# **MAP FINDINGS SUMMARY**

| Database                | Search<br>Distance<br>(Miles) | Target<br>Property | < 1/8    | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1  | > 1      | Total<br>Plotted |
|-------------------------|-------------------------------|--------------------|----------|-----------|-----------|----------|----------|------------------|
| DOT OPS                 | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| DOD                     | 1.000                         |                    | 0        | 0         | 0         | 0        | NR       | Ō                |
| FUDS                    | 1.000                         |                    | 0        | 0         | 1         | 0        | NR       | 1                |
| CONSENT                 | 1.000                         |                    | 0        | 0         | 0         | 0        | NR       | 0                |
| ROD                     | 1.000                         |                    | 0        | 0         | 0         | 0        | NR       | 0                |
| UMTRA                   | 0.500                         |                    | 0        | 0         | 0         | NR       | NR       | 0                |
| US MINES                | 0.250                         |                    | 0        | 0         | NR        | NR       | NR       | 0                |
| TRIS                    | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| TSCA                    | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| FTTS                    | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| HIST FTTS               | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| SSTS                    | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| ICIS                    | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| PADS                    | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| MLTS                    | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| RADINFO                 | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| FINDS                   | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| RAATS                   | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| RMP<br>UIC              | TP<br>TP                      |                    | NR<br>NR | NR<br>NR  | NR<br>NR  | NR<br>NR | NR<br>NR | 0<br>0           |
| DRYCLEANERS             | 0.250                         |                    | 0        | 0         | NR        | NR       | NR       | 0                |
| NPDES                   | 0.250<br>TP                   |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| INDIAN RESERV           | 1.000                         |                    | 0        | 0         | 0         | 0        | NR       | 0                |
| SCRD DRYCLEANERS        | 0.500                         |                    | 0        | 0         | 0         | NR       | NR       | 0                |
| US AIRS                 | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| PRP                     | TP                            |                    | NR       | NR        | NR        | NR       | NR       | Ö                |
| 2020 COR ACTION         | 0.250                         |                    | 0        | 0         | NR        | NR       | NR       | Ö                |
| EPA WATCH LIST          | TP                            |                    | NR       | NR        | NR        | NR       | NR       | Ö                |
| US FIN ASSUR            | TP                            |                    | NR       | NR        | NR        | NR       | NR       | Ö                |
| PCB TRANSFORMER         | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| COAL ASH                | 0.500                         |                    | 0        | 0         | 0         | NR       | NR       | 0                |
| COAL ASH DOE            | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| COAL ASH EPA            | 0.500                         |                    | 0        | 0         | 0         | NR       | NR       | 0                |
| Financial Assurance     | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| LEAD SMELTERS           | TP                            |                    | NR       | NR        | NR        | NR       | NR       | 0                |
| EDR HIGH RISK HISTORICA | AL RECORDS                    |                    |          |           |           |          |          |                  |
| EDR Exclusive Records   |                               |                    |          |           |           |          |          |                  |
| EDR MGP                 | 1.000                         |                    | 0        | 0         | 0         | 0        | NR       | 0                |
| EDR US Hist Auto Stat   | 0.250                         |                    | Ö        | 0         | NR        | NR       | NR       | Ō                |
| EDR US Hist Cleaners    | 0.250                         |                    | Ō        | 1         | NR        | NR       | NR       | 1                |
|                         |                               |                    |          |           |           |          |          |                  |

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

Α1 **EDR US Hist Cleaners** 1014985737 12715 ALBEMARLE RD North N/A

1/8-1/4 CHARLOTTE, NC 28227

0.196 mi.

1035 ft. Site 1 of 2 in cluster A

Relative: Lower

**EDR Historical Cleaners:** 

Name:

HAPPY FEET CARPET CLEANING

Year: 2005 Address:

Actual: 769 ft.

12715 ALBEMARLE RD

Name:

HAPPY FEET CARPET CLEANING

2006 Year:

Address: 12715 ALBEMARLE RD

Name: HAPPY FEET CARPET CLEANING

Year:

Address: 12715 ALBEMARLE RD

HAPPY FEET CARPET CLEANING Name:

Year: 2009

12715 ALBEMARLE RD Address:

LUST S108493035 **A2 LEMMOND STORE** North 12721 ALBEMARLE ROAD N/A

1/8-1/4 0.197 mi.

CHARLOTTE, NC 28227

1039 ft.

Site 2 of 2 in cluster A

LUST: Relative:

Not reported Facility ID: Lower UST Number: MO-7576 Actual:

Incident Number: 36251 769 ft. Contamination Type: Groundwater/Both

> Source Type: Leak-underground Product Type: **PETROLEUM** Date Reported: 02/28/2007 Date Occur: 03/05/2007 Cleanup: 02/27/2007 Not reported Closure Request: Close Out: Not reported

Level Of Soil Cleanup Achieved: Not reported Tank Regulated Status: Regulated

# Of Supply Wells:

Commercial/NonCommercial UST Site: COMMERCIAL

Risk Classification: U Risk Class Based On Review: Н

Corrective Action Plan Type: Not reported

Not reported NOV Issue Date: NORR Issue Date: Not reported Not reported Site Priority:

Phase Of LSA Req:

Site Risk Reason: Surface water Land Use: Residential MTBE: Nο MTBE1: Yes Flag: No Flag1: No

LUR Filed: Not reported

Release Detection:

**EDR ID Number** 

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### **LEMMOND STORE (Continued)**

S108493035

**Current Status:** File Located in House

RBCA GW: Not reported

PETOPT: 3 RPL: True CD Num: 0 Reel Num: 0 RPOW: False RPOP: False Error Flag: 0 Error Code: Ν Valid: False

35 13 24.96 - 80 38 18.96 Lat/Long: 35.2235 -80.6385 Lat/Long Decimal:

Testlat: Not reported Regional Officer Project Mgr: STF Region: Mooresville

Company: PRO REALTY COMPANY Contact Person: MR JIMMY ALLEN

Telephone: 7046095263

RP Address: 11901 ALBEMARLE ROAD RP City,St,Zip: CHARLOTTE, NC 28227

RP County: Not reported

Comments: UST LEAK, 1-550 GAS, 1-550 KERO, 1-1500 GAS, TANKS REMOVED ON

FEBRUARY 27, 2007. WATER SUPPLY WELL ON-SITE SAMPLED. LAST USE REPORTED TO BE EARLY 1984. PUBLIC WATER WAS BEING INSTALLED TO AREA WHICH POTENTIALLY MAY LOWER RISK. AFFIDAVIT FROM JERRY HELMS NAMES

NISBET OIL AS OWNER & JIMMY ALLEN AS OPERATOR. Referred to SL

1.20.2011. Accepted by SL 2.22.11

5 Min Quad: Not reported

PIRF:

Facility Id: 36251 Date Occurred: 3/5/2007 Date Reported: 2/28/2007

Description Of Incident: 1-550 KEROSENE 1-55- GAS, 1-1,000 GAS.

Owner/Operator: Not reported Ownership: Operation Type: Not reported

Type: 3 Location: 1

Site Priority: Not reported Priority Update: Not reported Wells Affected Y/N: Not reported Samples Include: Not reported

7#5 Minute Quad:

5 Minute Quad: Not reported Pirf/Min Soil: Not reported Release Code: Not reported Source Code: Not reported

Err Type: 2

Cause: Not reported Source: Not reported

Ust Number:

Last Modified: Not reported Incident Phase: Not reported NOV Issued: Not reported NORR Issued: Not reported

Map ID MAP FINDINGS

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**LEMMOND STORE (Continued)** S108493035

45 Day Report: Not reported Not reported Public Meeting Held: Corrective Action Planned: Not reported SOC Signed: Not reported Reclassification Report: Not reported RS Designation: Not reported Not reported Closure Request Date: Close-out Report: Not reported

FUDS 1009484211 3 **ALLEN GAP FILLER ANNEX** N/A

NNE

1/4-1/2 CHARLOTTE, NC

0.304 mi. 1603 ft.

FUDS: Relative:

Higher

Federal Facility ID: NC9799F4864 FUDS #: I04NC0515 INST ID: 61827

Actual: 777 ft.

Facility Name: ALLEN GAP FILLER ANNEX

CHARLOTTE City:

State: NC EPA Region: 04

**MECKLENBURG** County:

Congressional District:

US Army District: Savannah District (SAS)

Fiscal Year: 2011

Telephone: 912-652-5279 NPL Status: Not Listed RAB: Not reported CTC: 13.5 Current Owner: **PRIVATE** Current Prog: Not reported Future Prog: Not reported

Description: THERE IS ONE 5.000 GALLON UNDERGROUND STORAGE TANK AT THE FORMER ALLEN

> GAP FILLER ANNEX. THIS TANK IS MENTIONED IN THE REPORT OF EXCESS REAL PROPERTY DATE 21 JAN 1970. THE CORPS DID NOT TRY TO SA MPLE THE UST CONTENTS. THERE HAS BEEN NO TESTING OF THE LOCAL GROUNDWATER. THE SITE OF 0.62 ACRES WAS ACQUIRED BY THE US IN FEE FROM C.K. RHODES, SR., AND MAIE RHODES ON 20 SEP 1960. THIS SITE WAS DESIGNATED

> AS AN AIR DEFENSE COMMAND INSTALLATION BY HQS, AIR DEFENSE COMM AND,

US AIR FORCE, SPECIAL ORDER NO G-12 DATE 6 FEB 1961. THE SPECIAL ORDER NOTED THAT EFFECTIVE 20 SEP 1960, ALLEN GAP FILLER ANNEX WAS

DESIGNATED AND ASSIGNED TO THE 32ND AIR DIVISION.

R. T. WHITE PLUMBING COMPANY IMD S101573182 **ENE** 13216 ALBEMARLE ROAD **LUST** N/A

1/4-1/2 CHARLOTTE, NC

0.466 mi. 2458 ft.

IMD: Relative:

Region: MOR Lower Facility ID:

10743 Actual: Date Occurred: 8/17/1993 767 ft. Submit Date: 8/18/1993

GW Contam: No Groundwater Contamination detected Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

### R. T. WHITE PLUMBING COMPANY (Continued)

S101573182

**EDR ID Number** 

Soil Contam: Yes

Incident Desc: SOIL CONTAMINATION DISCOVERED UPON CLOSURE OF USTS.

Operator: MR. TOM WHITE Contact Phone: Not reported

Owner Company: RT WHITE PLUMBING COMPANY

Operator Address:13216 ALBEMARLE ROAD

Operator City: CHARLOTTE

Oper City, St, Zip: CHARLOTTE, NC 28212

Ownership: Private Operation: Commercial Material: GAS Qty Lost 1: Not reported Qty Recovered 1: Not reported Material: DIESEL Qty Lost: Not reported Qty Recovered: Not reported Source: Leak-underground Type: Gasoline/diesel

Location: Facility
Setting: Residential

Risk Site: H
Site Priority: B
Priority Code: H

Priority Update: 5/30/1998
Dem Contact: CGP
Wells Affected: Not reported

Num Affected: 0

5 Min Quad:

Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported

Latitude: Not reported Longitude: Not reported Not reported Latitude Number: Not reported Longitude Number: Latitude Decimal: Not reported Longitude Decimal: Not reported GPS: NOD Agency: DWM Facility ID: 10743 Last Modified: 2/24/1999 Incident Phase: Closed Out NOV Issued: Not reported NORR Issued: Not reported 45 Day Report: Not reported Public Meeting Held: Not reported Corrective Action Planned: Not reported SOC Sighned: Not reported Reclassification Report: Not reported Not reported RS Designation: Closure Request Date: Not reported 11/4/1996 Close-out Report:

Not reported

LUST:

Facility ID: 00-0-000

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

### R. T. WHITE PLUMBING COMPANY (Continued)

**EDR ID Number** 

S101573182

Incident Number: 10743

Contamination Type: Soil
Source Type: Leak-underground
Product Type: PETROLEUM
Date Reported: 08/11/1993
Date Occur: 08/17/1993

| Cleanup: 08/17/1993 | O8/17/1993 | O8/17/1993 | O8/17/1993 | O8/17/1993 | O8/17/1996 | O8/17/1

Level Of Soil Cleanup Achieved: Not reported Tank Regulated Status: Regulated

MO-3862

# Of Supply Wells: 0

**UST Number:** 

Commercial/NonCommercial UST Site: COMMERCIAL

Risk Classification: H Risk Class Based On Review: L

Corrective Action Plan Type: Not reported

NOV Issue Date: Not reported NORR Issue Date: 08/19/1993

Site Priority: B

Phase Of LSA Req: Not reported Site Risk Reason: Not reported Land Use: Not reported MTBE: Not reported MTBE1: Unknown Flag: Yes Flag1: No LUR Filed: Not reported

Release Detection: 0

Current Status: File Located in Archives

RBCA GW: Not reported PETOPT: Not reported RPL: False CD Num: 4 Reel Num: 0 RPOW: False RPOP: False Error Flag: 0

Error Code: Not reported Valid: False

 Lat/Long:
 35 13 21.66 - 80 37 50.7

 Lat/Long Decimal:
 35.2226 -80.6307

 Testlat:
 Not reported

 Regional Officer Project Mgr:
 CGP

 Region:
 Mooresville

Company: RT WHITE PLUMBING COMPANY

Contact Person: MR. TOM WHITE Telephone: Not reported

RP Address: 13216 ALBEMARLE ROAD
RP City,St,Zip: CHARLOTTE, NC 28212
RP County: MECKLENBURG

Comments: Not reported 5 Min Quad: Not reported

PIRF:

 Facility Id:
 10743

 Date Occurred:
 8/4/1993

 Date Reported:
 8/18/1993

Map ID MAP FINDINGS

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### R. T. WHITE PLUMBING COMPANY (Continued)

S101573182

SOIL CONTAMINATION DISCOVERED UPON CLOSURE OF USTS. Description Of Incident:

MR. TOM WHITE Owner/Operator:

Ownership: 4 Operation Type: 6 Type: 3 Location: 1 Site Priority: В

Priority Update: 5/30/1998 Wells Affected Y/N: Not reported

Samples Include:

7#5 Minute Quad: Not reported 5 Minute Quad: Not reported Pirf/Min Soil: Not reported Release Code: Not reported Min Soil Source Code: Not reported Err Type: Not reported Cause: Source: Not reported Ust Number: Not reported

2/24/1999 Last Modified: Incident Phase: **Closed Out** NOV Issued: Not reported NORR Issued: Not reported 45 Day Report: Not reported Public Meeting Held: Not reported Corrective Action Planned: Not reported SOC Signed: Not reported Reclassification Report: Not reported RS Designation: Not reported Closure Request Date: Not reported Close-out Report: 11/4/1996

Count: 20 records. ORPHAN SUMMARY

| City      | EDR ID     | Site Name                          | Site Address                   | Zip   | Database(s)  |
|-----------|------------|------------------------------------|--------------------------------|-------|--------------|
| CHARLOTTE | 1000106575 | DOW CHEMICAL CORP/ALLIED CHEMICAL  | 2 WOODLAWN GREEN RD            |       | HWS          |
| CHARLOTTE | 1000707747 | QUEENS PROPERTY                    | RESEARCH DRIVE                 |       | HWS          |
| CHARLOTTE | 1014784581 | DOVE ENVIRONMENTAL STORAGE UNIT DR | THE MINI STORAGE CENTER        |       | FINDS        |
| CHARLOTTE | 1014914900 | DOVE ENVIRONMENTAL STORAGE UNIT DR | THE MINI STORAGE CENTER        |       | CERCLIS      |
| CHARLOTTE | 1014949354 | QUICK STOP                         | 739 US HIGHWAY 25 N            | 30442 | BROWNFIELDS  |
|           | M300001334 | VULCAN MATERIALS CO.               | CLEAR CREEK QUARRY (#141)      |       | MINES        |
| CHARLOTTE | S101525480 | ELMWOOD CIRCLE                     | ELMWOOD CIRCLE                 |       | HWS,IMD      |
| CHARLOTTE | S103229044 | AQUAIR CORPORATION                 | 133000 SAM NEELY RD            |       | HWS          |
| CHARLOTTE | S103229259 | HWY 49 BATTERY DUMP                | NC HIGHWAY 49                  |       | HWS,IMD      |
| CHARLOTTE | S103229559 | VAN WATERS & ROGERS                | ATANDO INDUSTRIAL PARK         |       | HWS          |
| CHARLOTTE | S103240231 | JOHN CROSLAND COMPANY              | NEWLAND ROAD                   |       | LF,HIST LF   |
| CHARLOTTE | S103554595 | TEXTILE CHEMICAL FACILITY          | GRAHAM STREET                  |       | HWS          |
| CHARLOTTE | S104410902 | H. M. WADE FURNITURE               | SOUTH GRAHAM STREET            |       | HWS,IMD      |
| CHARLOTTE | S104913847 | THIRD AND CHURCH STREET            | THIRD AND CHURCH STREET        |       | HWS,IMD      |
| CHARLOTTE | S104913868 | NCDOT BRIDGE 108                   | GRAHAM STREET BRIDGE OVER RR T |       | HWS,IMD,LAST |
| CHARLOTTE | S105040811 | HENSON'S, INC. MULCH & MORE        | OLD LANDCASTER HWY             |       | LF,HIST LF   |
| CHARLOTTE | S109015505 | NCDOT ASPHALT SITE #2 (CROWDER CON | CROWDER CONST, HWY 16, 6433 BR |       | HWS          |
| CHARLOTTE | S109164088 | C D SPANGLER CONSTRUCTION CO       | U.S. HIGHWAY 29                |       | LF           |
| MINT HILL | S110776499 | B. G. WHISNANT PROPERTY            | NC HWY 51                      | 28227 | LUST         |
| CHARLOTTE | S111241073 | MECKLENBURG COUNTY LANDFILL        | 17131 HIGHWAY 521              |       | LF           |

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

### STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 02/01/2013 Source: EPA
Date Data Arrived at EDR: 03/01/2013 Telephone: N/A

Number of Days to Update: 12 Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 02/01/2013 Source: EPA
Date Data Arrived at EDR: 03/01/2013 Telephone: N/A

Number of Days to Update: 12 Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Source: EPA

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

#### Federal Delisted NPL site list

**DELISTED NPL: National Priority List Deletions** 

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 12

Source: EPA Telephone: N/A

Last EDR Contact: 05/09/2013

Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

#### Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/04/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 12

Source: EPA Telephone: 703-412-9810 Last EDR Contact: 05/29/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 10/09/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 72

Source: Environmental Protection Agency Telephone: 703-603-8704

Last EDR Contact: 04/10/2013

Next Scheduled EDR Contact: 07/22/2013 Data Release Frequency: Varies

#### Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/05/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 12

Source: EPA Telephone: 703-412-9810 Last EDR Contact: 05/29/2013

Next Scheduled EDR Contact: 05/09/2013

Data Release Frequency: Quarterly

### Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/21/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 6

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Quarterly

#### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Quarterly

#### Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/15/2013

Data Release Frequency: Varies

#### Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/14/2013 Date Data Arrived at EDR: 03/29/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 03/11/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/14/2013 Date Data Arrived at EDR: 03/29/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 03/11/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/20/2013

Next Scheduled EDR Contact: 09/02/2013 Data Release Frequency: Varies

### Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 01/17/2013 Date Made Active in Reports: 02/15/2013

Number of Days to Update: 29

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 04/02/2013

Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Annually

### State- and tribal - equivalent NPL

HSDS: Hazardous Substance Disposal Site

Locations of uncontrolled and unregulated hazardous waste sites. The file includes sites on the National Priority List as well as those on the state priority list.

Date of Government Version: 08/09/2011 Date Data Arrived at EDR: 11/08/2011 Date Made Active in Reports: 12/05/2011

Number of Days to Update: 27

Source: North Carolina Center for Geographic Information and Analysis

Telephone: 919-754-6580 Last EDR Contact: 05/03/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Biennially

State- and tribal - equivalent CERCLIS

#### SHWS: Inactive Hazardous Sites Inventory

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 01/15/2013 Date Data Arrived at EDR: 03/20/2013 Date Made Active in Reports: 03/28/2013

Number of Days to Update: 8

Source: Department of Environment, Health and Natural Resources

Telephone: 919-508-8400 Last EDR Contact: 03/20/2013

Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Quarterly

### State and tribal landfill and/or solid waste disposal site lists

#### SWF/LF: List of Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 04/01/2013 Date Data Arrived at EDR: 04/02/2013 Date Made Active in Reports: 05/09/2013

Number of Days to Update: 37

Source: Department of Environment and Natural Resources

Telephone: 919-733-0692 Last EDR Contact: 04/02/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Semi-Annually

#### OLI: Old Landfill Inventory

Old landfill inventory location information. (Does not include no further action sites and other agency lead sites).

Date of Government Version: 04/05/2013 Date Data Arrived at EDR: 04/18/2013 Date Made Active in Reports: 05/09/2013

Number of Days to Update: 21

Source: Department of Environment & Natural Resources

Telephone: 919-733-4996 Last EDR Contact: 04/16/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Varies

### State and tribal leaking storage tank lists

#### LUST: Regional UST Database

This database contains information obtained from the Regional Offices. It provides a more detailed explanation of current and historic activity for individual sites, as well as what was previously found in the Incident Management Database. Sites in this database with Incident Numbers are considered LUSTs.

Date of Government Version: 02/08/2013 Date Data Arrived at EDR: 02/13/2013 Date Made Active in Reports: 04/02/2013

Number of Days to Update: 48

Source: Department of Environment and Natural Resources

Telephone: 919-733-1308 Last EDR Contact: 05/16/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Quarterly

### LUST TRUST: State Trust Fund Database

This database contains information about claims against the State Trust Funds for reimbursements for expenses incurred while remediating Leaking USTs.

Date of Government Version: 04/03/2013 Date Data Arrived at EDR: 04/17/2013 Date Made Active in Reports: 05/09/2013

Number of Days to Update: 22

Source: Department of Environment and Natural Resources

Telephone: 919-733-1315 Last EDR Contact: 10/17/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Semi-Annually

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank site locations.

Date of Government Version: 02/08/2013 Date Data Arrived at EDR: 02/13/2013 Date Made Active in Reports: 03/28/2013

Number of Days to Update: 43

Source: Department of Environment & Natural Resources

Telephone: 877-623-6748 Last EDR Contact: 05/16/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

 $\ensuremath{\mathsf{LUSTs}}$  on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 02/28/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 43

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011 Date Data Arrived at EDR: 09/13/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 59

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/06/2013 Date Data Arrived at EDR: 02/08/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 63

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/28/2012 Date Data Arrived at EDR: 11/01/2012 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 162

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/01/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/05/2013 Date Data Arrived at EDR: 02/06/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 65

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Quarterly

#### State and tribal registered storage tank lists

#### UST: Petroleum Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/13/2013 Date Made Active in Reports: 04/02/2013

Number of Days to Update: 48

Source: Department of Environment and Natural Resources

Telephone: 919-733-1308 Last EDR Contact: 05/16/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Quarterly

#### AST: AST Database

Facilities with aboveground storage tanks that have a capacity greater than 21,000 gallons.

Date of Government Version: 03/25/2013 Date Data Arrived at EDR: 03/25/2013 Date Made Active in Reports: 04/02/2013

Number of Days to Update: 8

Source: Department of Environment and Natural Resources

Telephone: 919-715-6183 Last EDR Contact: 03/25/2013

Next Scheduled EDR Contact: 07/08/2013
Data Release Frequency: Semi-Annually

#### INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011 Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Semi-Annually

#### INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 02/28/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 43

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

#### INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/21/2013 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 45

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 09/28/2012 Date Data Arrived at EDR: 11/07/2012 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 156

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/06/2013 Date Data Arrived at EDR: 02/08/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 63

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012 Date Data Arrived at EDR: 08/03/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 94

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013 Date Data Arrived at EDR: 02/06/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 65

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA Telephone: 202-646-5797

Last EDR Contact: 04/18/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Varies

### State and tribal institutional control / engineering control registries

INST CONTROL: No Further Action Sites With Land Use Restrictions Monitoring

A land use restricted site is a property where there are limits or requirements on future use of the property due to varying levels of cleanup possible, practical, or necessary at the site.

Date of Government Version: 01/15/2013 Date Data Arrived at EDR: 03/20/2013 Date Made Active in Reports: 03/28/2013

Number of Days to Update: 8

Source: Department of Environment, Health and Natural Resources

Telephone: 919-508-8400 Last EDR Contact: 12/17/2110

Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Quarterly

### State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012 Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 14

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 04/05/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

VCP: Responsible Party Voluntary Action Sites

Responsible Party Voluntary Action site locations.

Date of Government Version: 01/15/2013 Date Data Arrived at EDR: 03/20/2013 Date Made Active in Reports: 03/28/2013

Number of Days to Update: 8

Source: Department of Environment and Natural Resources

Telephone: 919-508-8400 Last EDR Contact: 03/20/2013

Next Scheduled EDR Contact: 07/01/2013 Data Release Frequency: Semi-Annually

#### State and tribal Brownfields sites

BROWNFIELDS: Brownfields Projects Inventory

A brownfield site is an abandoned, idled, or underused property where the threat of environmental contamination has hindered its redevelopment. All of the sites in the inventory are working toward a brownfield agreement for cleanup and liabitly control.

Date of Government Version: 04/04/2013 Date Data Arrived at EDR: 04/10/2013 Date Made Active in Reports: 05/23/2013

Number of Days to Update: 43

Source: Department of Environment and Natural Resources

Telephone: 919-733-4996 Last EDR Contact: 04/10/2013

Next Scheduled EDR Contact: 07/22/2013 Data Release Frequency: Varies

### ADDITIONAL ENVIRONMENTAL RECORDS

### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012 Date Data Arrived at EDR: 12/11/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 9

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/26/2013

Next Scheduled EDR Contact: 07/08/2013 Data Release Frequency: Semi-Annually

#### Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: No Update Planned

HIST LF: Solid Waste Facility Listing A listing of solid waste facilities.

Date of Government Version: 11/06/2006 Date Data Arrived at EDR: 02/13/2007 Date Made Active in Reports: 03/02/2007

Number of Days to Update: 17

Source: Department of Environment & Natural Resources

Telephone: 919-733-0692 Last EDR Contact: 01/19/2009

Next Scheduled EDR Contact: 04/19/2009 Data Release Frequency: Quarterly

SWRCY: Recycling Center Listing
A listing of recycling center locations.

Date of Government Version: 08/06/2012 Date Data Arrived at EDR: 08/08/2012 Date Made Active in Reports: 09/13/2012

Number of Days to Update: 36

Source: Department of Environment & Natural Resources

Telephone: 919-707-8137 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 05/03/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Varies

### Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/04/2013 Date Data Arrived at EDR: 03/12/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 59

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/04/2013

Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Quarterly

#### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

### Local Land Records

#### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013 Date Data Arrived at EDR: 04/25/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

### Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 55

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 04/02/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Annually

### IMD: Incident Management Database

Groundwater and/or soil contamination incidents

Date of Government Version: 07/21/2006 Date Data Arrived at EDR: 08/01/2006 Date Made Active in Reports: 08/23/2006

Number of Days to Update: 22

Source: Department of Environment and Natural Resources

Telephone: 919-733-3221 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

### SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 06/14/2001 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 03/06/2013

Number of Days to Update: 62

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

#### SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 09/27/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 03/06/2013

Number of Days to Update: 62

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

#### Other Ascertainable Records

#### RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Varies

#### DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 05/07/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 04/19/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Semi-Annually

#### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 15

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 03/11/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Varies

### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 01/15/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/01/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical

and health information to aid in the cleanup.

Date of Government Version: 12/18/2012 Date Data Arrived at EDR: 03/13/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 30

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 03/13/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/07/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/05/2013 Date Data Arrived at EDR: 04/18/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 03/06/2013

Next Scheduled EDR Contact: 06/17/2013 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 09/01/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 131

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/29/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 03/28/2013

Next Scheduled EDR Contact: 07/08/2013 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the

Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008

Data Release Frequency: No Update Planned

#### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011 Date Data Arrived at EDR: 11/10/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 04/15/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Quarterly

#### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2012 Date Data Arrived at EDR: 01/16/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 114

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/19/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Annually

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011 Date Data Arrived at EDR: 07/15/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 60

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 03/11/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Quarterly

#### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/09/2013 Date Data Arrived at EDR: 04/11/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 29

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/11/2013

Next Scheduled EDR Contact: 07/22/2013 Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011 Date Data Arrived at EDR: 12/13/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 79

Source: EPA

Telephone: (404) 562-9900 Last EDR Contact: 03/12/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Quarterly

#### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012 Date Data Arrived at EDR: 05/25/2012 Date Made Active in Reports: 07/10/2012

Number of Days to Update: 46

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 04/19/2013

Number of Days to Update: 52

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 05/30/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Biennially

UIC: Underground Injection Wells Listing

A listing of uncerground injection wells locations.

Date of Government Version: 02/11/2013 Date Data Arrived at EDR: 02/12/2013 Date Made Active in Reports: 03/28/2013

Number of Days to Update: 44

Source: Department of Environment & Natural Resources

Telephone: 919-807-6412 Last EDR Contact: 05/13/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Sites

Potential and known drycleaning sites, active and abandoned, that the Drycleaning Solvent Cleanup Program has knowledge of and entered into this database.

Date of Government Version: 02/06/2013 Date Data Arrived at EDR: 03/26/2013 Date Made Active in Reports: 05/09/2013

Number of Days to Update: 44

Source: Department of Environment & Natural Resources

Telephone: 919-508-8400 Last EDR Contact: 03/26/2013

Next Scheduled EDR Contact: 07/08/2013 Data Release Frequency: Varies

NPDES: NPDES Facility Location Listing

General information regarding NPDES(National Pollutant Discharge Elimination System) permits.

Date of Government Version: 02/08/2013 Date Data Arrived at EDR: 04/09/2013 Date Made Active in Reports: 04/19/2013

Number of Days to Update: 10

Source: Department of Environment & Natural Resources

Telephone: 919-733-7015 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater

than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/19/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 05/06/2013

Next Scheduled EDR Contact: 08/05/2013 Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 01/23/2013 Date Data Arrived at EDR: 01/30/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 04/01/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Annually

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/23/2013 Date Data Arrived at EDR: 01/30/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 04/01/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Sites

A listing of coal combustion products distribution permits issued by the Division for the treatment, storage, transportation, use and disposal of coal combustion products.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 08/04/2009 Date Made Active in Reports: 08/17/2009

Number of Days to Update: 13

Source: Department of Environment & Natural Resources

Telephone: 919-807-6359 Last EDR Contact: 05/06/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/02/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 69

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 04/04/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011 Date Data Arrived at EDR: 05/18/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 05/17/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Varies

### LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013 Date Data Arrived at EDR: 02/14/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 04/08/2013

Next Scheduled EDR Contact: 07/22/2013 Data Release Frequency: Varies

#### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 02/18/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 05/10/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Quarterly

### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/04/2013 Date Data Arrived at EDR: 03/15/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 56

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 05/20/2013

Next Scheduled EDR Contact: 09/02/2013 Data Release Frequency: Quarterly

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/19/2013

Next Scheduled EDR Contact: 07/29/2013

Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 05/03/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 04/18/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/02/2012 Date Data Arrived at EDR: 10/03/2012 Date Made Active in Reports: 10/26/2012

Number of Days to Update: 23

Source: Department of Environmental & Natural Resources

Telephone: 919-508-8496 Last EDR Contact: 04/01/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 03/15/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 09/23/2011 Date Data Arrived at EDR: 10/06/2011 Date Made Active in Reports: 11/01/2011

Number of Days to Update: 26

Source: Department of Environment & Natural Resources

Telephone: 919-733-1322 Last EDR Contact: 05/16/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Quarterly

Financial Assurance 3: Financial Assurance Information Hazardous waste financial assurance information.

Date of Government Version: 09/30/2012 Date Data Arrived at EDR: 10/19/2012 Date Made Active in Reports: 11/29/2012

Number of Days to Update: 41

Source: Department of Environment & Natural Resources

Telephone: 919-707-8222 Last EDR Contact: 03/18/2013

Next Scheduled EDR Contact: 07/01/2013 Data Release Frequency: Varies

#### **EDR HIGH RISK HISTORICAL RECORDS**

### **EDR Exclusive Records**

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Source: EDR, Inc.

Date Data Arrived at EDR: N/A Telephone: N/A

Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

### EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

### EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Source: N/A

Telephone: N/A

Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

#### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/18/2013 Date Data Arrived at EDR: 02/18/2013 Date Made Active in Reports: 03/21/2013

Number of Days to Update: 31

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/21/2013

Next Scheduled EDR Contact: 09/02/2013 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 08/28/2012

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/19/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

facility.

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 02/07/2013 Date Made Active in Reports: 03/15/2013

Number of Days to Update: 36

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/09/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/23/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 57

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/23/2013

Next Scheduled EDR Contact: 08/05/2013 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 06/22/2012 Date Made Active in Reports: 07/31/2012

Number of Days to Update: 39

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 09/27/2012

Number of Days to Update: 70

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/18/2013

Next Scheduled EDR Contact: 07/01/2013 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

#### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

#### **Nursing Homes**

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facility List

Source: Department of Health & Human Services

Telephone: 919-662-4499

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environment & Natural Resources

Telephone: 919-733-2090

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

# GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

#### **TARGET PROPERTY ADDRESS**

UNDEVELOPED SITE CLEAR CREEK COMMERCE DR AND ALLEN STATION DR CHARLOTTE, NC 28227

### **TARGET PROPERTY COORDINATES**

Latitude (North): 35.2207 - 35° 13' 14.52" Longitude (West): 80.6383 - 80° 38' 17.88"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 532917.7 UTM Y (Meters): 3897380.0

Elevation: 770 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map: 35080-B6 MINT HILL, NC

Most Recent Revision: 1996

East Map: 35080-B5 MIDLAND, NC

Most Recent Revision: 1996

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

### **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

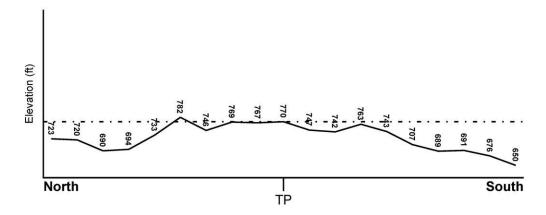
### TOPOGRAPHIC INFORMATION

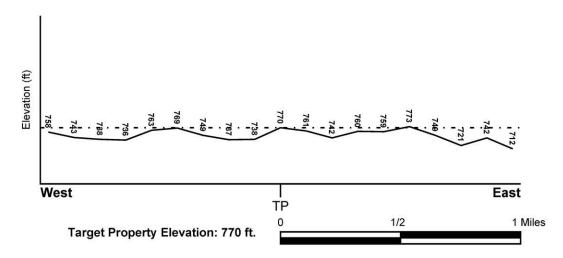
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

### **HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE** 

FEMA Flood Electronic Data

Target Property County MECKLENBURG, NC

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

37119C - FEMA DFIRM Flood data

Additional Panels in search area:

Not Reported

**NATIONAL WETLAND INVENTORY** 

NWI Electronic

**NWI Quad at Target Property** 

Data Coverage

MINT HILL

YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID Not Reported LOCATION FROM TP GENERAL DIRECTION GROUNDWATER FLOW

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

### **ROCK STRATIGRAPHIC UNIT**

### **GEOLOGIC AGE IDENTIFICATION**

Era: Paleozoic Category: Volcanic Rocks

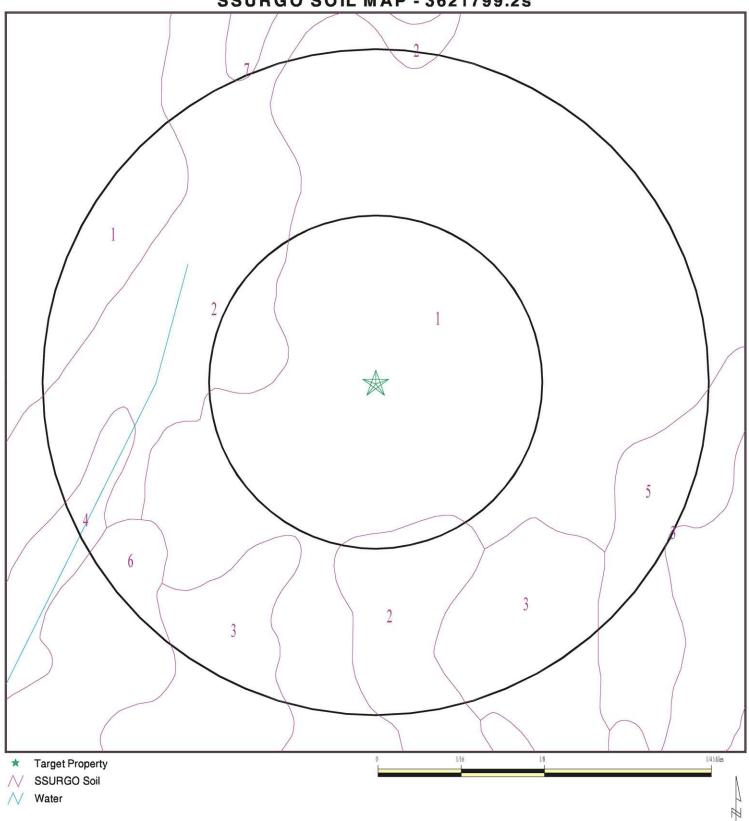
System: Cambrian

Series: Cambrian volcanic rocks

Code: Cv (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 3621799.2s



SITE NAME: Undeveloped Site
ADDRESS: Clear Creek Commerce Dr and Allen Station Dr
Charlotte NC 28227
LAT/LONG: 35.2207 / 80.6383

CLIENT: Hart & Hickman, PC CONTACT: Jay Quattrocchi INQUIRY#: 3621799.2s DATE: May 31, 2013 2:12 pm

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Cecil

Soil Surface Texture: sandy clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information |           |           |                    |  |   |                             |                    |
|------------------------|-----------|-----------|--------------------|--|---|-----------------------------|--------------------|
|                        | Boundary  |           |                    | Classif  | fication  | Saturated hydraulic         |                    |
| Layer                  | Upper     | Lower     | Soil Texture Class | AASHTO Group   | Unified Soil  | conductivity<br>micro m/sec | Soil Reaction (pH) |
| 1                      | 0 inches  | 5 inches  | sandy clay loam    | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.<br>COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand. | Max: 14<br>Min: 4           | Max: 6 Min:<br>4.5 |
| 2                      | 5 inches  | 48 inches | clay               | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.                      | Max: 14<br>Min: 4           | Max: 6 Min:<br>4.5 |
| 3                      | 48 inches | 61 inches | loam               | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.<br>COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand. | Max: 14<br>Min: 4           | Max: 6 Min:<br>4.5 |

Soil Map ID: 2

Soil Component Name: Cecil

Soil Surface Texture: sandy clay loam

Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse Hydrologic Group:

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches Depth to Watertable Min: > 0 inches

|       | Soil Layer Information |           |                    |  |   |                             |                    |  |
|-------|------------------------|-----------|--------------------|--|---|-----------------------------|--------------------|--|
|       | Boundary               |           |                    | Classif  | fication  | Saturated<br>hydraulic      |                    |  |
| Layer | Upper                  | Lower     | Soil Texture Class | AASHTO Group   | Unified Soil  | conductivity<br>micro m/sec | Soil Reaction (pH) |  |
| 1     | 0 inches               | 5 inches  | sandy clay loam    | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.<br>COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand. | Max: 14<br>Min: 4           | Max: 6 Min:<br>4.5 |  |
| 2     | 5 inches               | 48 inches | clay               | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.<br>COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand. | Max: 14<br>Min: 4           | Max: 6 Min:<br>4.5 |  |
| 3     | 48 inches              | 61 inches | loam               | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.<br>COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand. | Max: 14<br>Min: 4           | Max: 6 Min:<br>4.5 |  |

Soil Map ID: 3

Soil Component Name: Enon

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

|          | Soil Layer Information |           |                    |  |   |                             |                      |  |
|----------|------------------------|-----------|--------------------|--|---|-----------------------------|----------------------|--|
| Boundary |                        |           | Classification     |  | Saturated<br>hydraulic  |                             |                      |  |
| Layer    | Upper                  | Lower     | Soil Texture Class | AASHTO Group   | Unified Soil  | conductivity<br>micro m/sec | Soil Reaction (pH)   |  |
| 1        | 33 inches              | 72 inches | loam               | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | FINE-GRAINED<br>SOILS, Silts and<br>Clays (liquid<br>limit less than<br>50%), Lean Clay | Max: 1.4<br>Min: 0.42       | Max: 7.8<br>Min: 5.1 |  |
| 2        | 0 inches               | 7 inches  | fine sandy loam    | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | FINE-GRAINED<br>SOILS, Silts and<br>Clays (liquid<br>limit less than<br>50%), Lean Clay | Max: 1.4<br>Min: 0.42       | Max: 7.8<br>Min: 5.1 |  |
| 3        | 7 inches               | 9 inches  | sandy clay loam    | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | FINE-GRAINED<br>SOILS, Silts and<br>Clays (liquid<br>limit less than<br>50%), Lean Clay | Max: 1.4<br>Min: 0.42       | Max: 7.8<br>Min: 5.1 |  |
| 4        | 9 inches               | 33 inches | clay               | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | FINE-GRAINED<br>SOILS, Silts and<br>Clays (liquid<br>limit less than<br>50%), Lean Clay | Max: 1.4<br>Min: 0.42       | Max: 7.8<br>Min: 5.1 |  |

Soil Map ID: 4

Soil Component Name: Helena

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

|       | _         |           | Soil Layer         | r Information  |   | 1                           |                      |
|-------|-----------|-----------|--------------------|--|---|-----------------------------|----------------------|
|       | Boundary  |           |                    | Classif  | fication  | Saturated hydraulic         |                      |
| Layer | Upper     | Lower     | Soil Texture Class | AASHTO Group   | Unified Soil  | conductivity<br>micro m/sec |                      |
| 1     | 0 inches  | 14 inches | sandy loam         | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.<br>COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand. | Max: 14<br>Min: 4           | Max: 5.5<br>Min: 4.5 |
| 2     | 14 inches | 16 inches | sandy clay loam    | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.<br>COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand. | Max: 14<br>Min: 4           | Max: 5.5<br>Min: 4.5 |
| 3     | 16 inches | 35 inches | sandy clay         | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.<br>COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand. | Max: 14<br>Min: 4           | Max: 5.5<br>Min: 4.5 |
| 4     | 35 inches | 59 inches | sandy loam         | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand.<br>COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand. | Max: 14<br>Min: 4           | Max: 5.5<br>Min: 4.5 |

Soil Map ID: 5

Soil Component Name: Wilkes

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

|       |           |           | Soil Layer           | r Information  |              |                             |                    |
|-------|-----------|-----------|----------------------|--|--------------|-----------------------------|--------------------|
|       | Bou       | ındary    |                      | Classification   |              | Saturated hydraulic         |                    |
| Layer | Upper     | Lower     | Soil Texture Class   | AASHTO Group   | Unified Soil | conductivity<br>micro m/sec | Soil Reaction (pH) |
| 1     | 0 inches  | 7 inches  | loam                 | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | Not reported | Max:<br>Min:                | Max: Min:          |
| 2     | 7 inches  | 14 inches | clay                 | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | Not reported | Max:<br>Min:                | Max: Min:          |
| 3     | 14 inches | 44 inches | weathered<br>bedrock | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | Not reported | Max:<br>Min:                | Max: Min:          |
| 4     | 44 inches | 48 inches | bedrock              | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | Not reported | Max:<br>Min:                | Max: Min:          |

Soil Map ID: 6

Soil Component Name: Enon

Soil Surface Texture: fine sandy loam

Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures. Hydrologic Group:

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches Depth to Watertable Min: > 0 inches

|       | Soil Layer Information |           |                    |  |   |                             |                      |  |  |
|-------|------------------------|-----------|--------------------|--|---|-----------------------------|----------------------|--|--|
|       | Boundary               |           |                    | Classi   | fication  | Saturated hydraulic         |                      |  |  |
| Layer | Upper                  | Lower     | Soil Texture Class | AASHTO Group   | Unified Soil  | conductivity<br>micro m/sec |                      |  |  |
| 1     | 0 inches               | 7 inches  | fine sandy loam    | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand. | Max: 14<br>Min: 1.4         | Max: 7.8<br>Min: 6.1 |  |  |
| 2     | 7 inches               | 9 inches  | sandy clay loam    | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand. | Max: 14<br>Min: 1.4         | Max: 7.8<br>Min: 6.1 |  |  |
| 3     | 9 inches               | 33 inches | clay               | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand. | Max: 14<br>Min: 1.4         | Max: 7.8<br>Min: 6.1 |  |  |
| 4     | 33 inches              | 72 inches | loam               | Silt-Clay<br>Materials (more<br>than 35 pct.<br>passing No.<br>200), Silty<br>Soils. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand. | Max: 14<br>Min: 1.4         | Max: 7.8<br>Min: 6.1 |  |  |

Soil Map ID: 7

Soil Component Name: Water

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

### **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

### FEDERAL USGS WELL INFORMATION

LOCATION

MAP ID WELL ID FROM TP

No Wells Found

# FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

LOCATION

MAP ID WELL ID FROM TP

5 NC0160430 1/2 - 1 Mile ENE

Note: PWS System location is not always the same as well location.

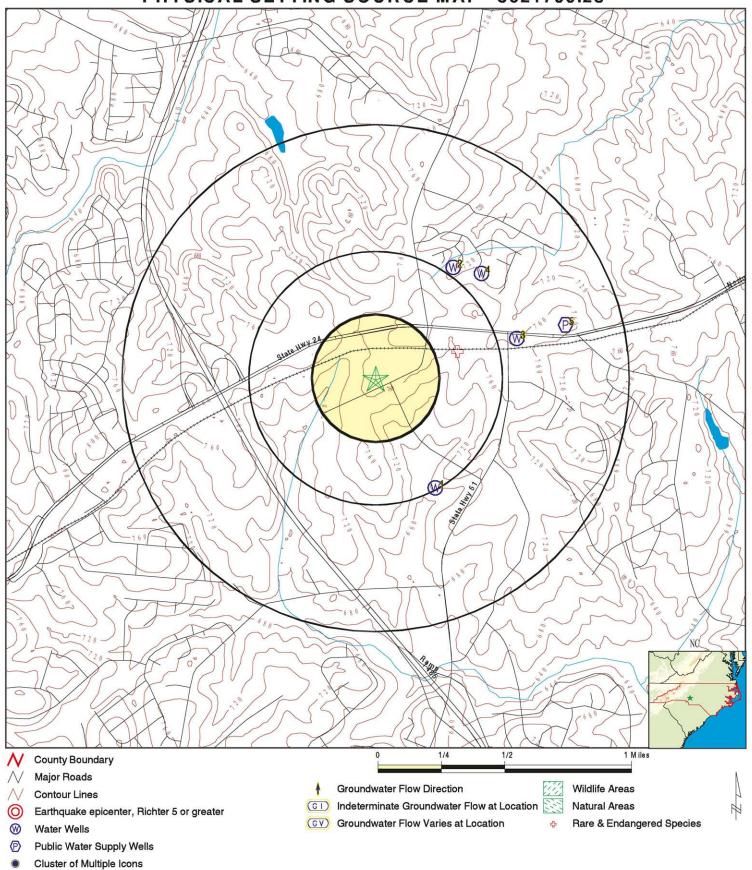
# STATE DATABASE WELL INFORMATION

| MAP ID | WELL ID          | LOCATION<br>FROM TP |
|--------|------------------|---------------------|
| 1      | NC20000000002437 | 1/4 - 1/2 Mile SSE  |
| 2      | NC2000000002542  | 1/2 - 1 Mile NE     |
| 3      | NC2000000002515  | 1/2 - 1 Mile ENE    |
| 4      | NC2000000002540  | 1/2 - 1 Mile NE     |

# OTHER STATE DATABASE INFORMATION

# NORTH CAROLINA NATURAL HERITAGE ELEMENT OCCURRENCES

# PHYSICAL SETTING SOURCE MAP - 3621799.2s



SITE NAME: Undeveloped Site

Clear Creek Commerce Dr and Allen Station Dr Charlotte NC 28227 ADDRESS:

LAT/LONG: 35.2207 / 80.6383 CLIENT: CONTACT: Hart & Hickman, PC Jay Quattrocchi INQUIRY #: 3621799.2s DATE: May 31, 2013 2:12 pm

### **GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance

Elevation Database EDR ID Number

1 SSE NC WELLS NC200000002437

1/4 - 1/2 Mile Lower

Pwsidentif: NC2060057

System nam: GOSPEL LIGHT BAPTIST CHURCH

Pws type: NC

County: MECKLENBURG City: CHARLOTTE

 Primary so:
 GW

 Water type:
 GW

 Facility n:
 WELL #1

 Facility a:
 S01

 Latitude m:
 35.214425

 Longitude:
 -80.634139

Availavili: A
Well depth: 235
Well dep 1: FT

Owner name: GOSPEL LIGHT BAPTIST CHURCH

Site id: NC200000002437

2 NE NC WELLS NC2000000002542

1/2 - 1 Mile Lower

Pwsidentif: NC0160282
System nam: ROCKY RIDGE S/D

Pws type: C

County: MECKLENBURG City: CHARLOTTE

Primary so: GW
Water type: GW
Facility n: WELL #1
Facility a: S01
Latitude m: 35.227044
Longitude : -80.632889
Availavili: A

Availavili: A
Well depth: 950
Well dep 1: FT

Owner name: AQUA NORTH CAROLINA INC

Site id: NC2000000002542

3

ENE 1/2 - 1 Mile Lower

Pwsidentif: NC0160893

System nam: WILCOHESS NO 356

Pws type: NC

County: MECKLENBURG
City: CHARLOTTE

Primary so: GW
Water type: GW
Facility n: WELL #1
Facility a: S01
Latitude m: 35.222976

**NC WELLS** 

NC200000002515

# **GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Longitude : -80.628456

Availavili: A
Well depth: 65
Well dep 1: FT

Owner name: WILCO HESS LLC\_471461

Site id: NC2000000002515

4 NE NC WELLS NC200000002540

1/2 - 1 Mile Lower

Pwsidentif: NC0160282
System nam: ROCKY RIDGE S/D
Pws type: C

County: MECKLENBURG
City: CHARLOTTE

 Primary so:
 GW

 Water type:
 GW

 Facility n:
 WELL #2

 Facility a:
 S02

 Latitude m:
 35.226699

 Longitude :
 -80.630917

 Availavili:
 A

Well depth: 1000
Well dep 1: FT

Owner name: AQUA NORTH CAROLINA INC

Site id: NC200000002540

5 ENE FRDS PWS NC0160430

1/2 - 1 Mile Lower

PWS ID: NC0160430

Date Initiated: 7706 Date Deactivated: Not Reported

PWS Name: LONG CREEK ELEM SCHOOL CHARLOTTE, NC 28212

Addressee / Facility: System Owner/Responsible Party

HARVEY SHUMPERT OR MANAGER NOW

701 E SECOND ST CHARLOTTE, NC 28212

Addressee / Facility: System Owner/Responsible Party

CHAR-MECK BD OF EDUCATION

701 E SECOND ST CHARLOTTE, NC 28212

Facility Latitude: 35 13 25 Facility Longitude: 080 37 31

City Served: CHARLOTTE

Treatment Class: Treated Population: 00000800

# **GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

PWS currently has or had major violation(s) or enforcement: YES

### **VIOLATIONS INFORMATION:**

Violation ID: 9413107 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 07/01/93 Vio. end Date: 12/31/93 Vio. Period: 006 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Initial Tap Sampling for Pb and Cu

Contaminant: LEAD & COPPER RULE

Vio. Awareness Date: Not Reported

### **ENFORCEMENT INFORMATION:**

System Name: LONG CREEK ELEM SCHOOL Violation Type: Initial Tap Sampling for Pb and Cu

Contaminant: LEAD & COPPER RULE Compliance Period: 1993-07-01 - 2015-12-31

Violation ID: 9413107 Enforcement Date: Not Reporte

inforcement Date: Not Reported Enf. Action: Not Reported

# **GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance

Database EDR ID Number

NC\_NHEO NC50013460

GIS ID: 172278
Classification by Type: Plants

Occurrence Status: Historic, no evidence of destruction

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

State Database: NC Radon

Radon Test Results

| Num Results | Avg pCi/L | Min pCi/L | Max pCi/L |
|-------------|-----------|-----------|-----------|
|             |           |           |           |
| 1           | 1.20      | 1.2       | 1.2       |

Federal EPA Radon Zone for MECKLENBURG County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 28227

Number of sites tested: 2

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L Living Area - 1st Floor -0.100 pCi/L 100% 0% 0% Living Area - 2nd Floor Not Reported Not Reported Not Reported Not Reported Basement Not Reported Not Reported Not Reported Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environment & Natural Resources

Telephone: 919-733-2090

### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

### LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

North Carolina Public Water Supply Wells Source: Department of Environmental Health

Telephone: 919-715-3243

### OTHER STATE DATABASE INFORMATION

NC Natural Areas: Significant Natural Heritage Areas Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A polygon converage identifying sites (terrestrial or aquatic that have particular biodiversity significance. A site's significance may be due to the presenceof rare species, rare or hight quality natural communities, or other important ecological features.

NC Game Lands: Wildlife Resources Commission Game Lands Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

All publicly owned game lands managed by the North Carolina Wildlife Resources Commission and as listed in Hunting and Fishing Maps.

NC Natural Heritage Sites: Natural Heritage Element Occurrence Sites

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A point coverage identifying locations of rare and endangered species, occurrences of exemplary or unique natural ecosystems (terrestrial or aquatic), and special animal habitats (e.g., colonial waterbird nesting sites).

#### **RADON**

State Database: NC Radon

Source: Department of Environment & Natural Resources

Telephone: 919-733-4984

Radon Statistical and Non Statiscal Data

Area Radon Information Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

### OTHER

Airport Landing Facilities: Private and public use landing facilities

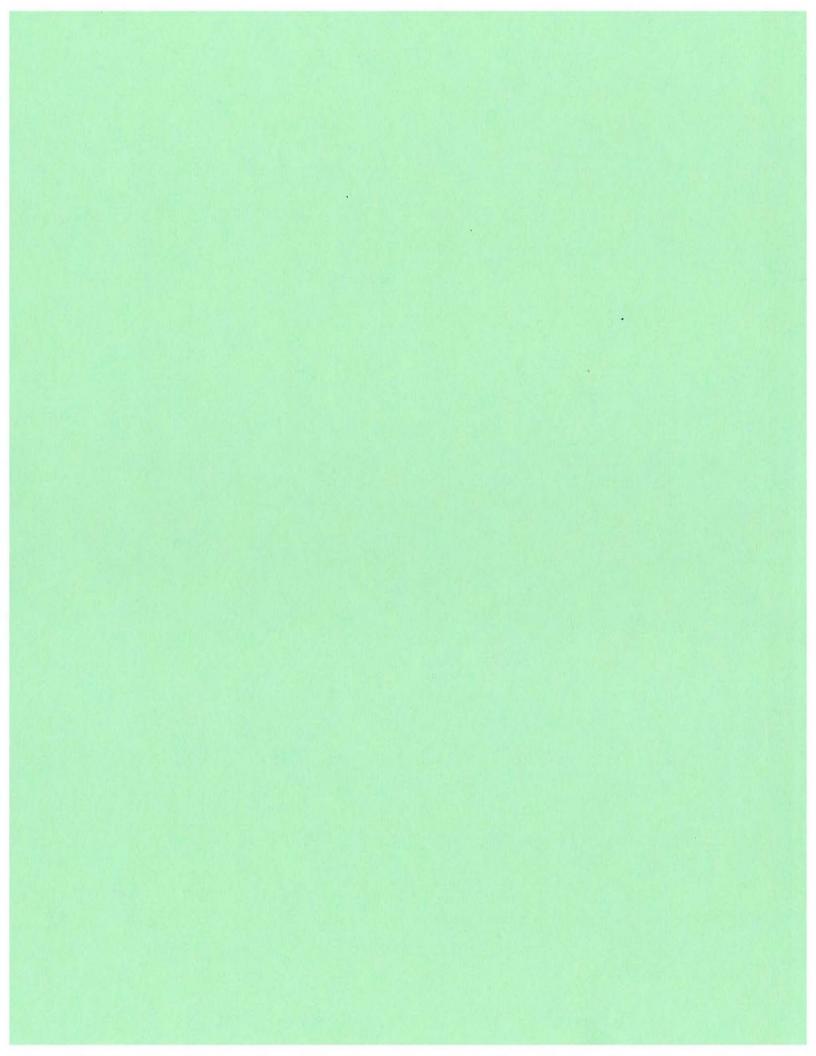
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

### STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.



# **Undeveloped Site**

Clear Creek Commerce Dr and Allen Station Dr Charlotte, NC 28227

Inquiry Number: 3621799.6

May 31, 2013

# **The EDR-City Directory Abstract**



# **TABLE OF CONTENTS**

### **SECTION**

**Executive Summary** 

**Findings** 

**City Directory Images** 

**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

### **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING. WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

### **EXECUTIVE SUMMARY**

# **DESCRIPTION**

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1921 through 2012. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

### **RESEARCH SUMMARY**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

| <u>Year</u> | Source                             | <u>TP</u> | <u>Adjoining</u> | Text Abstract | Source Image |
|-------------|------------------------------------|-----------|------------------|---------------|--------------|
| 2012        | Cole Information Services          | -         | -                | -             | -            |
| 2007        | Cole Information Services          | -         | -                | -             | -            |
| 2005        | Hill-Donnelly Information Services | -         | -                | -             | -            |
| 1999        | City Publishing Company Inc.       | -         | -                | -             | -            |
| 1994        | R. L. Polk Co.                     | -         | -                | -             | -            |
| 1991        | R. L. Polk & Co.                   | -         | -                | -             | -            |
| 1989        | R. L. Polk Co.                     | -         | -                | -             | -            |
| 1984        | R. L. Polk Co.                     | -         | -                | -             | -            |
| 1979        | Hills City Directory               | -         | -                | -             | -            |
| 1975        | Hills City Directory               | -         | -                | -             | -            |
| 1974        | Hills City Directory               | -         | -                | -             | -            |
| 1969        | Hills City Directory               | -         | -                | -             | -            |
| 1964        | Hills City Directory               | -         | -                | -             | -            |
| 1959        | Hills City Directory               | -         | -                | -             | -            |
| 1953        | Hills City Directory               | -         | -                | -             | -            |
| 1949        | Hills City Directory               | -         | -                | -             | -            |
| 1944        | Hills City Directory               | -         | -                | -             | -            |
| 1937        | Hills City Directory               | -         | -                | -             | -            |
| 1931        | Piedmont Directory Company         | -         | -                | -             | -            |
| 1925        | Commercial Service Co.             | -         | -                | -             | -            |
| 1921        | Commercial Service Co.             | -         | -                | -             | -            |

# **FINDINGS**

# TARGET PROPERTY INFORMATION

# **ADDRESS**

Clear Creek Commerce Dr and Allen Station Dr Charlotte, NC 28227

# **FINDINGS DETAIL**

Target Property research detail.

# **FINDINGS**

# **ADJOINING PROPERTY DETAIL**

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

No Addresses Found

3621799-6 Page 3

# **FINDINGS**

# TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

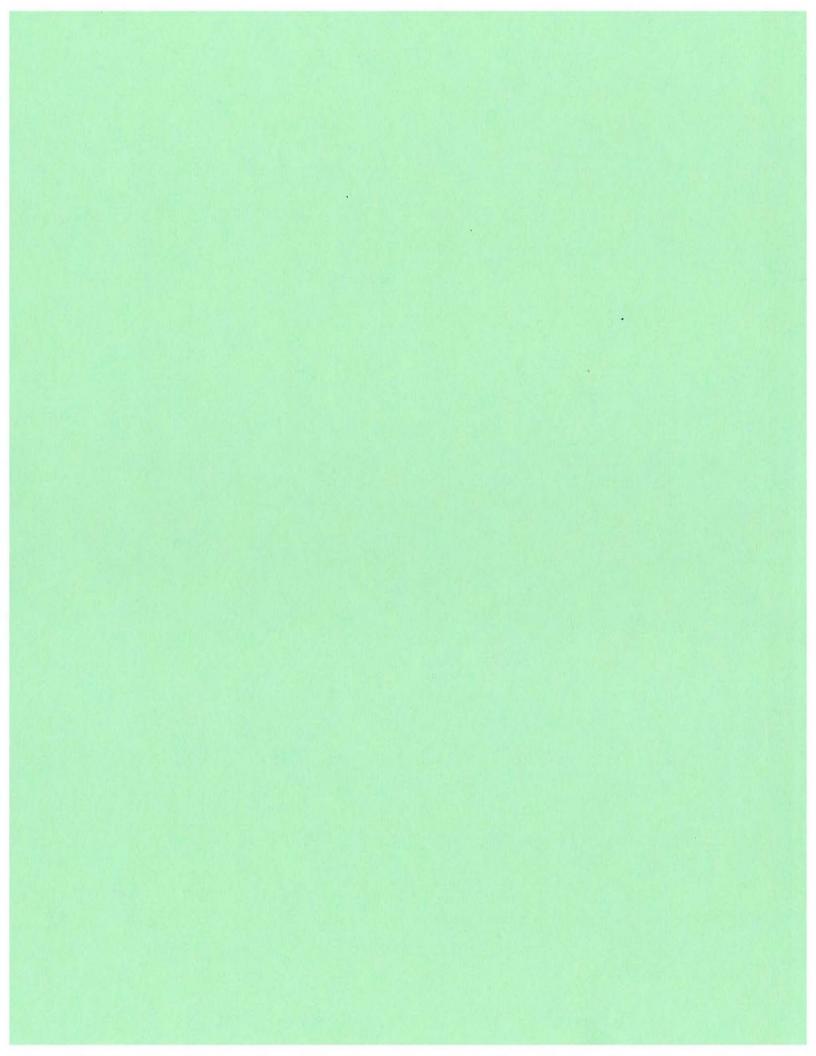
The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

## **Address Researched**

## Address Not Identified in Research Source

Clear Creek Commerce Dr and Allen Station Dr

2012, 2007, 2005, 1999, 1994, 1991, 1989, 1984, 1979, 1975, 1974, 1969, 1964, 1959, 1953, 1949, 1944, 1937, 1931, 1925, 1921



# **Undeveloped Site**

Clear Creek Commerce Dr and Allen Station Dr Charlotte, NC 28227

Inquiry Number: 3621799.5

May 31, 2013

# The EDR Aerial Photo Decade Package



# **EDR Aerial Photo Decade Package**

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

#### **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2013 by Environmental Data Resources, Inc., All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

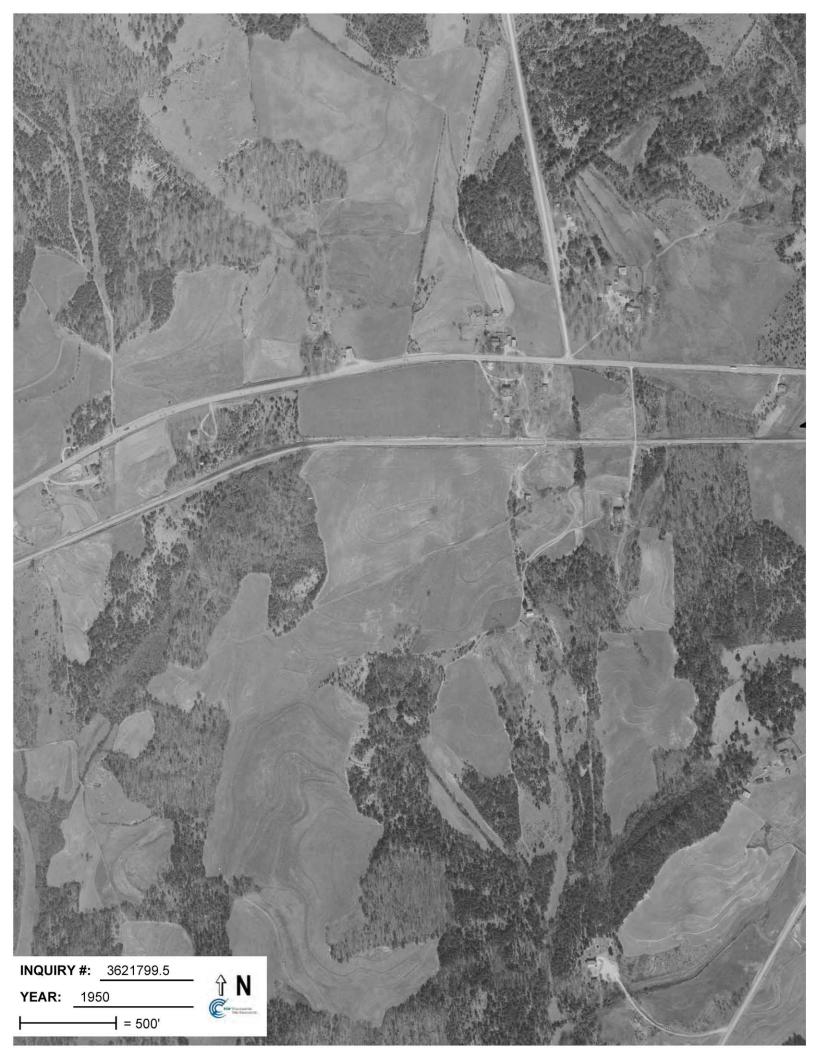
# **Date EDR Searched Historical Sources:**

Aerial PhotographyMay 31, 2013

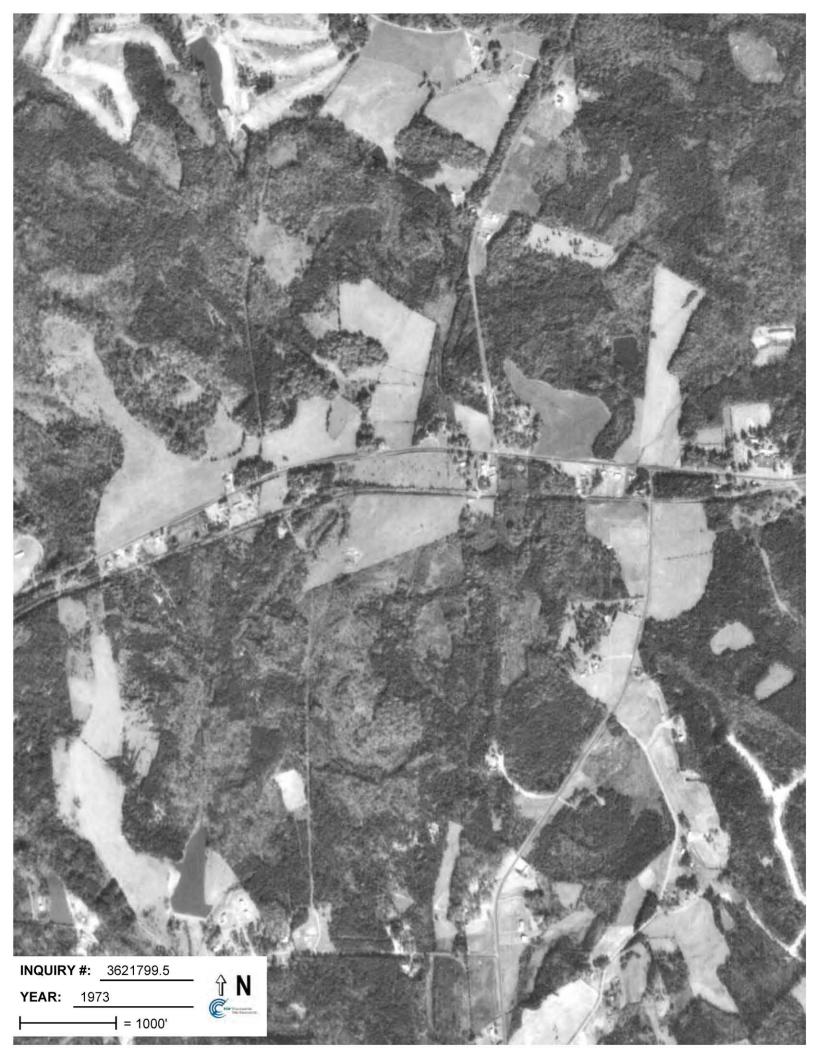
# **Target Property:**

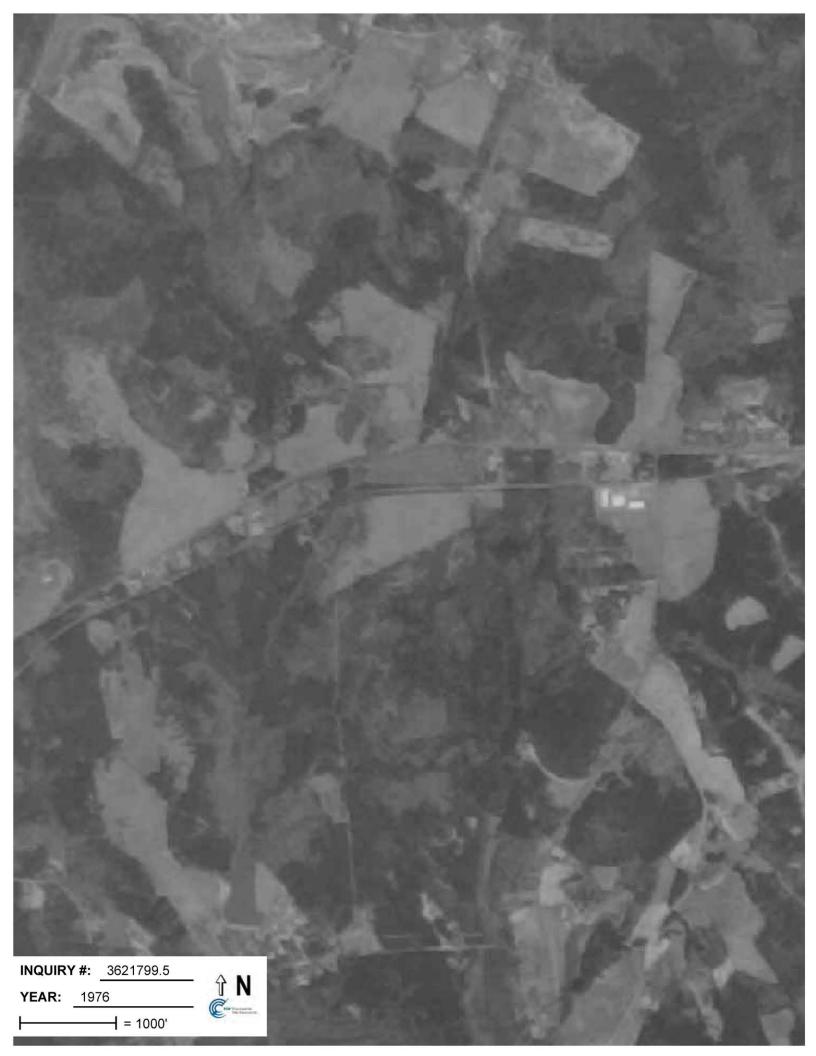
Clear Creek Commerce Dr and Allen Station Dr Charlotte, NC 28227

| <u>Year</u> | <u>Scale</u>                       | <u>Details</u>   | Source |
|-------------|------------------------------------|--|--------|
| 1950        | Aerial Photograph. Scale: 1"=500'  | Panel #: 35080-B6, Mint Hill, NC;/Flight Date: April 01, 1950                | EDR    |
| 1968        | Aerial Photograph. Scale: 1"=500'  | Panel #: 35080-B6, Mint Hill, NC;/Flight Date: February 15, 1968             | EDR    |
| 1973        | Aerial Photograph. Scale: 1"=1000' | Panel #: 35080-B6, Mint Hill, NC;/Flight Date: November 19, 1973             | EDR    |
| 1976        | Aerial Photograph. Scale: 1"=1000' | Panel #: 35080-B6, Mint Hill, NC;/Flight Date: March 24, 1976                | EDR    |
| 1983        | Aerial Photograph. Scale: 1"=500'  | Panel #: 35080-B6, Mint Hill, NC;/Flight Date: March 03, 1983                | EDR    |
| 1988        | Aerial Photograph. Scale: 1"=1000' | Panel #: 35080-B6, Mint Hill, NC;/Flight Date: October 12, 1988              | EDR    |
| 1993        | Aerial Photograph. Scale: 1"=500'  | Panel #: 35080-B6, Mint Hill, NC;/DOQQ - acquisition dates: January 28, 1993 | EDR    |
| 1996        | Aerial Photograph. Scale: 1"=750'  | Panel #: 35080-B6, Mint Hill, NC;/Flight Date: April 23, 1996                | EDR    |
| 2005        | Aerial Photograph. Scale: 1"=500'  | Panel #: 35080-B6, Mint Hill, NC;/Flight Year: 2005                          | EDR    |
| 2006        | Aerial Photograph. Scale: 1"=500'  | Panel #: 35080-B6, Mint Hill, NC;/Flight Year: 2006                          | EDR    |
| 2008        | Aerial Photograph. Scale: 1"=500'  | Panel #: 35080-B6, Mint Hill, NC;/Flight Year: 2008                          | EDR    |
| 2009        | Aerial Photograph. Scale: 1"=500'  | Panel #: 35080-B6, Mint Hill, NC;/Flight Year: 2009                          | EDR    |
| 2010        | Aerial Photograph. Scale: 1"=500'  | Panel #: 35080-B6, Mint Hill, NC;/Flight Year: 2010                          | EDR    |
| 2012        | Aerial Photograph. Scale: 1"=500'  | Panel #: 35080-B6, Mint Hill, NC;/Flight Year: 2012                          | EDR    |

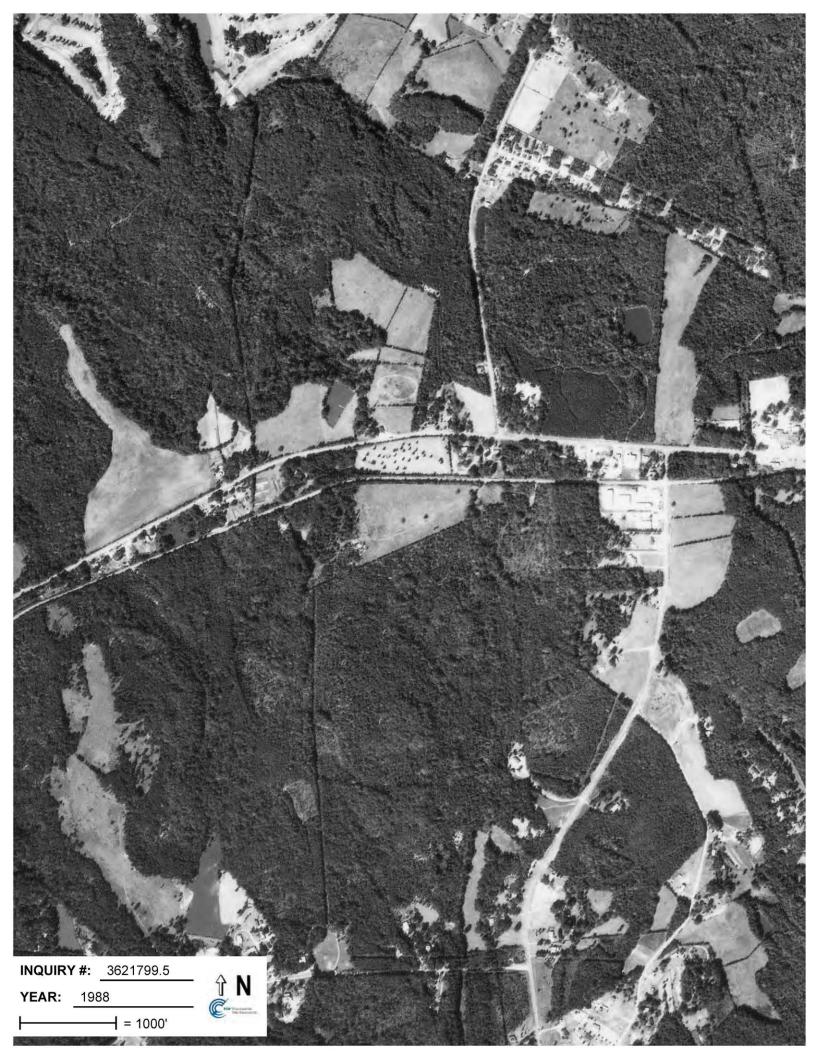




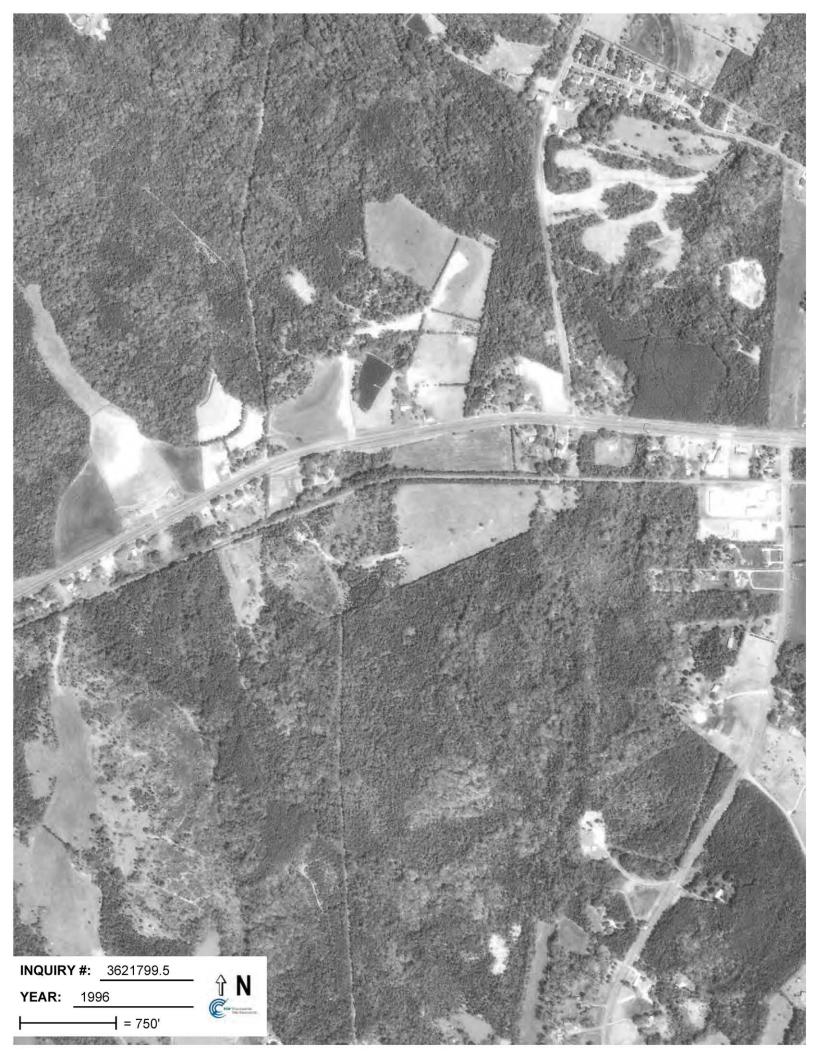




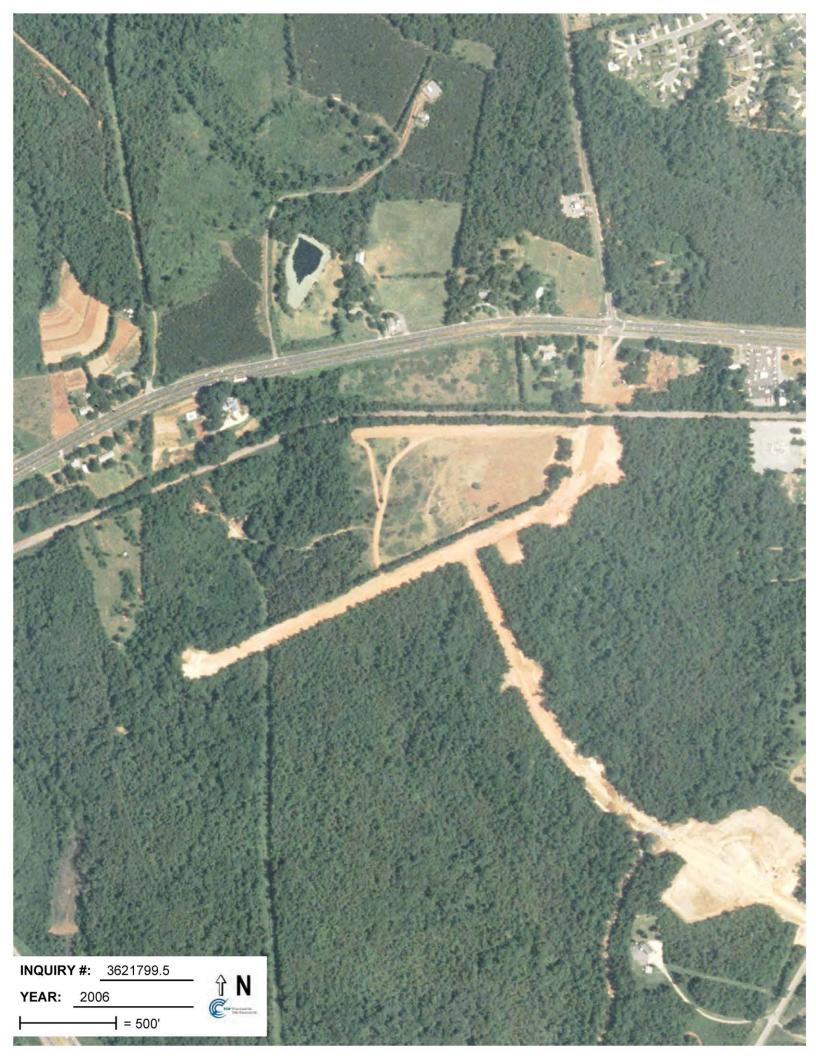


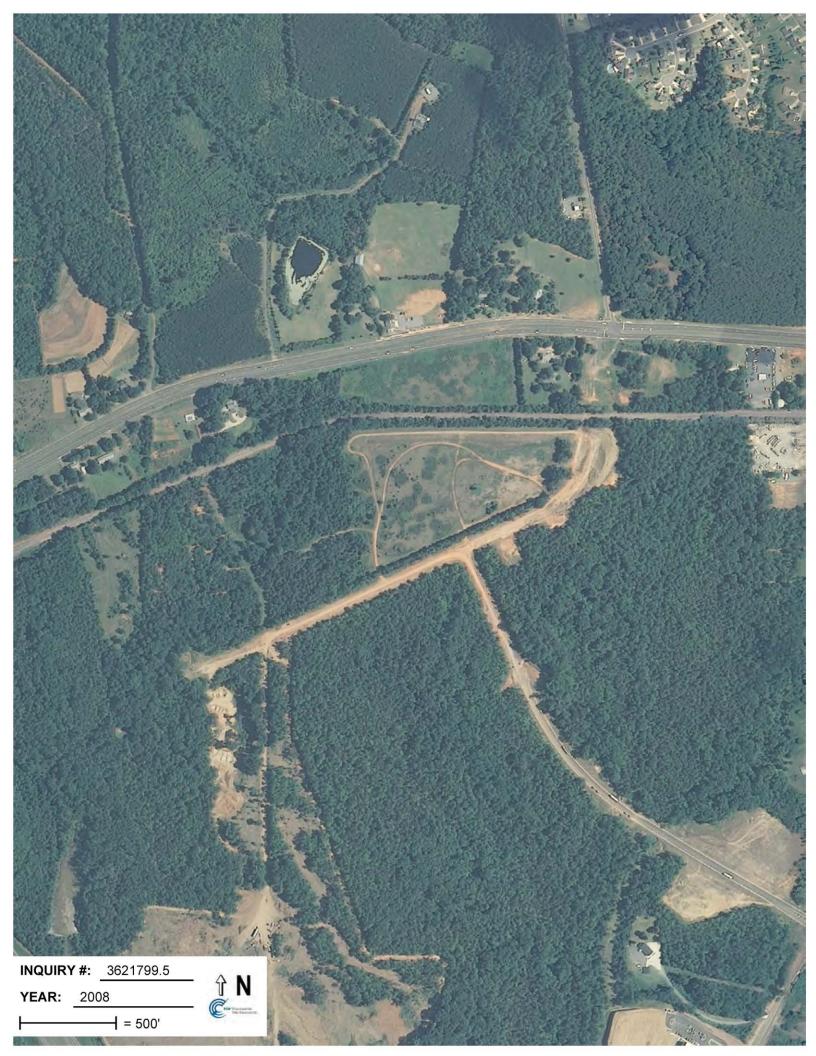


















Appendix D

**Site Photographs** 





Photograph 1: The subject site located along Allen Station Drive.



Photograph 2: The railroad tracks abutting the subject site along the northern boundary.





Photograph 3: Half of a 55-gallon drum located along the stream on the northeast portion of the subject site.



Photograph 4: A piece of scrap metal located along the stream on the northeast portion of the subject site.





Photograph 5: A television located northeast of the Allen Station Drive rotary.



Photograph 6: A debris pile located approximately 250 feet northeast of the Allen Station Drive rotary.





Photograph 7: A rock wall and concrete slab located approximately 350 feet south of the northern property boundary on the northeast portion of the subject site.



Photograph 8: A concrete slab located on the northeast portion of the subject site.



Appendix E

**Curriculum Vitae** 





# MATT BRAMBLETT, PE

Title: Principal and

Project Manager

**Expertise:** Due Diligence

Environmental Assessment/Remediation

Brownfields Redevelopment Natural Attenuation Evaluation

Computer Modeling Wetlands Permitting

## **Experience Summary**

Over 18 years experience providing environmental engineering and hydrogeologic consultation for governmental, industrial, and commercial sites. Experience includes due diligence, assessment and remediation of petroleum, heavy metal, chlorinated pesticides, PCB, and solvent impacted sites, ground water modeling, contaminant transport modeling, and risk assessments.

#### **Credentials**

NC Professional Engineer No. 25069
M.S., 1992, Agricultural and Biological Engineering,
Clemson University
B.S., 1990, Atmospheric Science/Math Minor, Cum
Laude, UNC at Asheville
Studied and performed graduate research under Dr. Ron
Falta in Clemson's Hydrogeology Department from 1992
to 1994

Member Groundwater Professionals of North Carolina and National Groundwater Association Wetlands and 404 Permitting (2004) 36-Hr Advanced Wetland Management Training (2005) 36-Hr Functional Wetland Design Training (2006)

Taught Groundwater Remediation Portion of Physical/Chemical Wastewater Treatment Operators School in April 2013at NC State University

Presented "DOT versus Toxaphene: Beneficial Reuse of Contaminated Soil" November 2009 at STGEC Geotechnical Engineering Conference

Presented "Enhanced Bioremediation of Chlorinated Solvent Source Areas" April 2009 for Clemson Hydrogeology Symposium

Presented "When Light Rail Hits a Hazardous Waste Site" at April 11, 2008 NC DOT GEO3T2 Conference

## **Key Projects**

Managed numerous due diligence Phase I and II Environmental Site Assessments for industrial, commercial, and residential properties including management of asbestos surveys, lead based paint surveys, wetlands delineation and permitting, indoor air testing, and threatened and endangered species surveys.

Assessed and evaluated soil management options for an early 1900's industrial area with heavy metal impacts from ore processing and fertilizer production.

Directed in-situ chemical oxidation and bioenhancement remedial actions at an industrial facility and Brownfields site containing high levels of chlorinated solvents.

Evaluated vapor intrusion risks using soil vapor sampling, subslab vapor sampling, indoor air sampling, and Johnson and Ettinger modeling at multiple Brownfields sites.

Managed in-situ chemical oxidation and/or bioenhancement remedial actions at multiple NC DOT and industrial sites impacted by chlorinated solvents. Developed injection procedures for adding anaerobic bacteria consortiums to improve the effectiveness of substrate additions.

Performed and managed natural attenuation modeling and corrective action planning for chlorinated solvent constituents at 5 North Carolina manufacturing facilities and 10 NC DOT asphalt testing sites in support of natural attenuation corrective action alternatives.

Responsible for the design, pilot testing, bidding, and installation of vapor extraction and air sparging remediation systems.

Completed and implemented Closure and Post-Closure Plans at a North Carolina RCRA site impacted with chlorinated solvents and PAHs.

Managed free product assessment and remediation. Installed free product recovery skimmers for PCB oil free product and installed free product only recovery pumps for diesel free product.

Direct assessment and corrective actions at numerous UST sites and direct Trust Fund reimbursement claims.





### **JAY QUATTROCCHI**

**Title:** Environmental Scientist

**Expertise:** Phase I Environmental Site Assessments (ESA)

Wetland and Stream delineations Endangered and Threatened species

Surveys

Water Quality Sampling

## **Experience Summary**

Jay has over six (6) years of experience in the environmental consulting industry. He is currently serving as an Environmental Scientist at Hart & Hickman performing Phase I Environmental Site Assessments and wetland and stream delineations. He also has experience performing water quality sampling and NPDES inspections.

#### **Credentials**

B.S. in Environmental and Natural Resources, Clemson University, 2006

Phase I Environmental Site Assessment Training, Environmental Institute, 2007

Basic Wetland Delineator Training, Institute for Wetland & Environmental Education & Research, 2008

# **Key Projects**

Performed numerous Phase I Environmental Site Assessments (Phase I ESAs) at residential developments, small and large undeveloped tracts, industrial sites, shopping centers, and commercial developments throughout the southeast.

Performed USACE compliant wetland and stream delineations on sites throughout the southeast (Alabama, Georgia, North Carolina, and Virginia), including Fort Benning, Columbus, GA; Fort Gordon, Augusta, GA; Georgia Power's Plant McDonough, Cobb County, GA.; Georgia Power's Plant Scherer, Monroe Co., GA; and a 25-mile Georgia Power transmission line in Augusta, GA.

Delineated Georgia State Waters on four proposed maneuver areas (approximately 137 miles) at Fort Benning, GA.

Performed Red-cockaded woodpecker and Gopher Tortoise surveys at several Georgia military installations, including Fort Benning and Fort Gordon.

Conducted vegetation, fish, and benthic surveys for mitigation and restoration projects throughout the southeast. Monitored and sampled restored streams for water quality (turbidity, dissolved oxygen, Fecal Coliform bacteria, etc.). Installed and maintained water monitoring wells.

Performed National Pollutant Discharge Elimination System (NPDES) site inspections to reduce erosion and manage sediment on residential, utility, sewer, and water line construction sites. Tested water samples to ensure compliance with state turbidity standards.

Conducted a wetland and stream delineation and endangered species survey near Valdosta on a 50-mile transmission corridor for Georgia Transmission Corporation.

# Phase I Environmental Site Assessment

Candor Site
Candor, North Carolina
Geoscience Project No. CH13.0027.EV

# Prepared For:

LandDesign, Inc. P.O. Box 36959 Charlotte, North Carolina 28236

April 5, 2013

Prepared By:

# **GEOSCIENCE GROUP**

500 Clanton Road, Suite K Charlotte, North Carolina 28217 Phone (704) 525-2003 Facsimile (704) 525-2051 LandDesign, Inc. P.O. Box 36959 Charlotte, North Carolina 28236

GEOSCIENCE GROUP

Attention: Mr. Dale Stewart, P.E.

Reference: Phase I Environmental Site Assessment

Candor Site

Candor, North Carolina

Geoscience Project No. CH13.0027.EV

#### EXECUTIVE SUMMARY

Geoscience Group, Inc. (Geoscience) has completed a Phase I Environmental Site Assessment (ESA) of an approximate 78.67± acre tract located on the northern side of North Carolina Highway 211 immediately northeast of its intersection with McAuley Farm Road in Candor, Montgomery County, North Carolina. This Phase I ESA has been performed in general accordance with the scope and limitations of ASTM Standard E 1527-05 and in compliance with Geoscience's proposal dated March 4, 2013 (Geoscience Proposal No. CH13.041P.EV). Any exceptions to, or deletions from, the ASTM E 1527-05 standard of practice are described in the *INTRODUCTION* section of the report. Based upon our findings, this assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.

#### INTRODUCTION

Purpose: This Phase I ESA was performed to identify the presence or likely presence of any hazardous substances [as defined by CERCLA 42 USC §9601(14)] or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of these products into structures on the property or into the ground, groundwater, or surface water of the property. This includes hazardous substances or petroleum substances under conditions in compliance with laws. It should be noted that the ASTM E 1527-05 standard of practice does not include an assessment of all possible conditions or circumstances that may exist at the subject site. Several non-scope considerations that were not a part of these assessment activities included reviews for asbestos, wetlands and radon, among other items not addressed by ASTM Standard E 1527-05.

Based on the information provided, the Phase I ESA was performed as part of a property transaction. As such, Geoscience understands that the purpose of the assessment was, in part, to satisfy a requirement to qualify for the innocent landowner defense to CERCLA liability. In accordance with the ASTM E 1527-05 standard of practice, this Phase I ESA included a reconnaissance of the subject site and adjoining properties, interviews with persons

knowledgeable about the site, and a review of historical and regulatory databases. The site reconnaissance and interviews were performed as part of the assessment to obtain information indicating the likelihood of the presence of recognized environmental conditions. Historical and regulatory sources were reviewed to help identify recognized environmental conditions in connection with the property and to develop a history with respect to site usage.

Practically reviewable, publicly available information pertaining to the property was also used to prepare the Phase I ESA. This report interprets and summarizes the information obtained from interviews, document reviews, and site reconnaissance. Pursuant to Geoscience's authorized scope of services, a Chain of Title search (including all deeds, easements, leases, property restrictions and covenants) was not conducted by Geoscience as part of this assessment. As such, it remains the responsibility of the User of this document to investigate the existence of environmental liens in reasonably ascertainable recorded land title records.

Site Reconnaissance: The site reconnaissance was performed by Geoscience on March 18, 2013. The reconnaissance consisted of observing the periphery of the property and viewing the site from accessible adjacent public thoroughfares. Interior portions of the property were systematically traversed to provide an overlapping field of view where possible. Visual reconnaissance of adjoining properties was limited to areas and facilities that were readily observable from the subject property or from public access areas. Photographs were taken, where possible, to document the features observed and environmental conditions of concern. Due to the general limitations imposed by the size of the site and the method of observation, the potential exists that undisclosed environmental conditions may be present between or beneath the areas observed. A photographic log (Photographs 1 through 28) of the subject site has been provided in Appendix II of this report. The approximate locations and directions of the photographs are shown on the Site Layout, Figure Nos. CH027-3 or CH027-3A, in Appendix I.

<u>Interviews</u>: The persons noted in the following table were contacted to obtain information for this assessment. Documentation of our contact with the listed parties is included in Appendix V of this report. Pertinent information reported by the listed parties is discussed in the appropriate sections of the report.

| Name                    | Title/Function | Affiliation                    | Date    | Contact Information |  |  |
|-------------------------|----------------|--------------------------------|---------|---------------------|--|--|
| Mr. Dale Stewart, P.E.  | Client Contact | LandDesign, Inc.               | Various | (704) 376-7777      |  |  |
| Mr. Marty<br>McLaughlin | Partner        | Piedmont Properties            | 3/18/13 | (704) 248-9595      |  |  |
| Mr. Ray Hudson          | Principal      | S.T. Wooten                    | 4/4/13  | (252) 291-5165      |  |  |
| Mr. Wayne Saunders      | Chief          | Town of Candor Fire Department | Various | (910) 974-7499      |  |  |

Information Provided by User: Pursuant to ASTM Standard E 1527-05 § 4.7 and § 5.3, Geoscience requested that LandDesign, Inc. (the Client and User of this document) communicate any specialized knowledge or experience that is material to recognized environmental conditions in connection with the property and to identify key personnel for interview purposes. As part of that request, User and Environmental Questionnaires were submitted for completion by the Client. The questionnaires were completed by Geoscience based on information provided by Mr. Dale Stewart, P.E. with LandDesign, Inc. The information provided by the Client revealed that the subject property has been used as a mobile home manufacturing site and is adjoined by feed milling facilities. Copies of the questionnaires are included in Appendix V.

#### SITE DESCRIPTION AND PHYSICAL SETTING

<u>Location And Legal Description</u>: As shown on the enclosed Vicinity Map, Figure No. CH027-1, the subject site is located on the northern side of North Carolina Highway 211 immediately northeast of its intersection with McAuley Farm Road in Candor, North Carolina. The site is comprised of Montgomery County Parcel Number 7586-00-65-7848. The approximate legal boundaries of the site are shown on the Tax Line Map included in Appendix I as Figure No. CH027-2.

Site And Vicinity Characteristics: As depicted on the Site Layout, Figure No. CH027-3, the subject property is comprised of a 78.67± acre tract. At the time of our site visit, a 91,000 square foot industrial building occupied the southwestern portion of the property. Photographs 1 through 4 in Appendix II show the exterior of the building as seen from various vantage points. As is visible in these photographs, the areas immediately surrounding the building generally consist of a gravel covered storage yard enclosed with a fence, grass lawns and landscaped areas. The building interior includes approximately 7,000 square feet of office space and 84,000 square feet of warehouse/manufacturing space. Photographs 5 and 6 show panoramic views of the main warehouse space while Photograph 7 shows a welding shop area in the northeastern portion of the building. It is our understanding that the building has operated as a modular/manufactured home fabrication facility since its construction in 1999. In addition to the industrial building, a small pump house, shown in Photograph 8, is present on the southwestern portion of the site.

The remaining portions of the site are undeveloped. The undeveloped portions of the site are generally wooded. However, cleared areas are present on the northwestern and western central portions of the site. These cleared areas are associated with two sediment basins and a soil stockpile that were created during construction of the existing site improvements. Photographs 10 through 14 in Appendix II provide views of the undeveloped portions of the site.

North Carolina Highway 211 extends along the southern boundary of the site. Aberdeen Carolina & Western Railway Company tracks are present immediately beyond North Carolina Highway 211. The land across the roadway and railroad tracks from the subject site is occupied by the Mountaire Feed Mill, the Purdue Candor Live Production facility, and

undeveloped land. The Town of Candor Waste Water Treatment Plant and a former S.T. Wooten Corporation asphalt plant site adjoin the site to the northeast. The remaining adjoining properties are undeveloped wooded land.

Topography: As part of this assessment, the Partial Site Topographic Map (Figure No. CH027-4) and the 1994 "Candor, North, North Carolina" United States Geological Survey (USGS) 7.5-minute quadrangle map (Figure No. CH027-5) and topographic information provided by LandDesign were reviewed to obtain information relative to the topography of the subject site and surrounding areas. According to the information reviewed, the subject site is located between approximately 682 and 724 feet above mean sea level (MSL). The low elevation of 682 feet MSL is located at the northern property boundary, and the high elevation of 724 feet MSL is located on the eastern portion of the site. The ground surface across the project site generally slopes down from areas of high elevation on the eastern, western and southern portions of the site towards a drainage feature that extends onto the northern central portion of the site. The drainage feature flows towards an unnamed tributary of Mill Creek located north of the property. It should be noted that a topographical divide extends along North Carolina Highway 211. The land north of the roadway generally slopes toward the north while the land south of the roadway slopes toward the south and southeast.

<u>Surficial And Bedrock Geology</u>: The 1985 Geologic Map of North Carolina was reviewed as a part of this assessment to provide discretionary and non-standard physical setting source information relative to the geology in the vicinity of the subject property. A review of this map indicates that the subject site is located within the Coastal Plain Physiographic Province. This Province is generally characterized by flat land to gently rolling hills and valleys. The Coastal Plain is a wedge of mostly marine sedimentary rocks that gradually thickens to the east. According to the Geologic Map, the subject site is underlain with sand, sandstone, and mudstone of the Middendorf Formation.

<u>Surface Water And Groundwater Flow</u>: The predominant source of groundwater in the area is the unconfined aquifer system. Water availability in the aquifer varies with location, rock type, topographic setting, and geologic structure. Recharge of the aquifer system is through the infiltration of rainwater.

Surface water and groundwater flow rates and directions were not determined as part of this assessment. However, based upon review of the USGS topographic map, the inferred direction of groundwater flow beneath the subject property is generally towards the north or northwest. Based upon visual observations and the site topography (as previously discussed), Geoscience expects that surface water at the site also flows down from areas of high elevation on the eastern, western and southern portions of the site towards the drainage feature that extends onto the northern central portion of the site. The drainage feature flows towards an unnamed tributary of Mill Creek located north of the property.

Soil Conservation Service Map Review: The United States Department of Agriculture Soil Conservation Service (SCS) conducted a soil survey of Montgomery County, North Carolina in cooperation with the North Carolina Agricultural Experiment Station. The soil survey information reviewed for this report was issued by the SCS in September 2012 and describes the soils at the subject site as Candor sand with 0 to 8 percent slopes (CdB), Autryville sand with 0 to 3 percent slopes (AuA), moderately wet Ailey loamy sand with 2 to 8 percent slopes (AaB), and Ailey loamy sand with 8 to 15 percent slopes (AeC).

<u>Utilities</u>: Utility systems identified at the subject site, as specified in ASTM Standard E 1527-05 § 9.4.1 and § 9.4.3 are as follows:

- Heating ventilating and air conditioning (HVAC) systems for the existing building
  appear to be powered by a combination of electricity and propane. Electricity is
  provided to the site by Progress Energy. Propane is supplied to the building from
  three (3) aboveground storage tanks.
- Potable water and sewer services are obtained through the Town of Candor.
- As shown in Photograph 9 in Appendix II, a sanitary sewer lift station is located on the southwestern portion of the site.

<u>Environmental Liens</u>: As stated previously, a title search was not conducted by Geoscience as part of this assessment. As such, it remains the responsibility of the User of this document to investigate the existence of environmental liens in reasonably ascertainable recorded land title records.

#### PROPERTY USAGE

<u>Current Uses Of The Property</u>: As previously described, a 91,000 square foot industrial building occupies the southwestern portion of the property. A manufacturer of modular and manufactured homes operates the building; however, it is our understanding that the facility has only been in limited use for several years. The remaining portions of the site are undeveloped wooded land.

<u>Past Uses Of The Property</u>: To the extent practically possible, past uses of the subject property were identified through historical records review, reconnaissance observation, interviews, and/or through client-provided information. Historical information sources researched during this assessment date back to 1938. A summary of the standard historical sources and data reviewed by Geoscience to identify past uses of the property are listed in the following table. Copies of representative historical source information are provided in the applicable Appendices.

| <b>Historical Data Sources</b> | Years Reviewed  | Data Source/Publisher   | Note |
|--------------------------------|---|---|------|
| Aerial Photographs             | 1938, 1950, 1956,<br>1968, 1977, 1983,<br>1993, 1999, 2005,<br>2006, 2008, 2009<br>and 2010 | Montgomery County Soil and<br>Water Conservation District,<br>Montgomery County GIS and<br>Google Earth |      |
| Sanborn Maps                   | Unmapped Property   | EDR   |      |
| Property Tax Listings          | 2013  | Montgomery County GIS   |      |
| USGS Topographic Map           | 1942  | USGS, "Troy, NC"<br>30-minute quadrangle  |      |
| USGS Topographic Map           | 1983  | USGS, "Robbins, NC"<br>15-minute quadrangle   |      |
| USGS Topographic Map           | 1974, 1974 (Photo<br>inspected 1981), and<br>1994   | USGS, "Candor, NC"<br>7.5-minute quadrangle   |      |

The historical information developed and reviewed revealed no past uses of the subject property that are considered recognized environmental conditions in connection with the site. Montgomery County tax listings indicate that the existing building was constructed in 1999. The building has operated as a modular/manufactured home fabrication facility since its construction. However, it is our understanding that full production on the site only occurred for a short time, after which the facility was largely idled. The 2005 through 2010 aerial photographs show the site with its current configuration.

Further review of aerial photographs reveals that, prior to construction of the existing improvements, the site had been undeveloped wooded land or in agricultural use since at least 1938. Specifically, the 1938 through 1956 aerial photographs show that site in agricultural use. During this time frame, a small house or outbuilding was present on the southeastern portion of the site, adjacent to North Carolina Highway 211. In addition, the 1950 and 1956 aerial photographs show what appear to be a barn and house on the southern portion of the site. The structure formerly present on the southeastern portion of the site is not visible on aerial photographs after 1956. The former barn and house on the southern portion of the site are last visible on the 1977 and 1993 aerial photographs, respectively. Agricultural use of the site appears to have ceased in the late 1950s or early 1960s as the site is depicted as wooded in the 1968 through 1999 aerial photographs. After 1968, timber harvesting appears to have occurred over portions of the site at various times.

<u>Current And Past Uses Of Adjoining Properties</u>: The current and past uses of adjoining properties were identified through reconnaissance, observation and records review. The historical information developed and reviewed during this assessment revealed no past uses for the adjoining properties that are considered recognized environmental conditions in connection with the site.

North and Northeast: As previously described, undeveloped land, a former S.T. Wooten Corporation asphalt plant facility, and the Town of Candor Waste Water Treatment Plant adjoin the subject site to the north and northeast. Review of aerial photographs reveals that the former asphalt plant site was developed after 1999. According to Mr. Ray Hudson, Principal with S.T. Wooten Corporation, the former asphalt plant was a temporary facility that ceased operations "10 to 12 years ago or longer". Based on Mr. Hudson's statement, the facility operated for less than five (5) years. The former plant structures were removed from the adjoining property between 2006 and 2008. However, silos associated with a mobile asphalt plant have subsequently been stored on the adjoining property. Given the short duration of asphalt plant operations on the adjoining site, it is unlikely that plant operations have adversely impacted the subject property. Therefore, the former asphalt plant is not considered to be a recognized environmental condition in association with the subject site.

The Town of Candor Waste Water Treatment Plant also adjoins the site to the northeast. It is our understanding that the waste water treatment plant has operated since approximately 1982. Review of the USGS topographic map suggests that the Waste Water Treatment Plant is located in an area considered to be hydraulically down gradient from the subject property, with an inferred direction of groundwater flowing away from the subject site. Given the inferred direction of groundwater flow, releases at the facility would not be expected to adversely impact the subject site. As such, we do not consider the Town of Candor Waste Water Treatment Plant to be a recognized environmental condition in association with the subject property.

Further review of aerial photographs reveals that with the exception of the asphalt and waste water treatment plants, the land north and northeast of the site has been undeveloped woodland or in agricultural use since at least 1938.

South: North Carolina Highway 211 extends along the southern boundary of the site. Aberdeen Carolina & Western Railway Company railroad tracks are present immediately across North Carolina Highway 211 from the property. Construction of the roadway and railroad tracks predates the 1938 aerial photograph. As previously described, the land across the roadway and railroad tracks from the subject site is occupied by the Mountaire Feed Mill, the Purdue Candor Live Production facility, and undeveloped land. Montgomery County tax listings indicate that the Mountaire Feed Mill was constructed in 2000. The portion of the Purdue facility adjacent to the subject site was reportedly built in 1986. Our review of aerial photographs reveals that, prior to construction of the existing improvements, the land across North Carolina Highway 211 from the subject site had been undeveloped wooded land or in agricultural use since at least 1938.

<u>East and West</u>: McAuley Farm Road extends along the western property boundary. Construction of this roadway occurred between the dates of the 1938 and 1950 aerial photographs. The land west of this roadway as well as the land immediately east of the site has been undeveloped woodland or in agricultural use since at least 1938.

## REGULATORY RECORDS REVIEW

Information for the standard Federal, State and Tribal environmental record sources specified in ASTM Standard E 1527-05 § 8.2.1 was obtained through Environmental Data Resources, Inc. (EDR). Regulatory database information was reviewed to help identify evidence of recognized environmental conditions in connection with the property. The number of listed sites identified within the approximate minimum search distance (AMSD) specified in the standard environmental records database are summarized in the table on the following pages. Detailed information for sites identified within the AMSD is provided following the table along with our professional judgment about the significance, if any, of the listing. Copies of the EDR research data and a description of the databases are included in Appendix IV of this report.

| Database           | Target<br>Property | Search<br>Distance<br>(Miles) | < 1/8 | 1/8—1/4 | 1/4-1/2 | 1/2 1      | >1 | Total<br>Plotted |
|--------------------|--------------------|-------------------------------|-------|---------|---------|------------|----|------------------|
| Federal Record     | ls                 |                               | 2     |         |         | 1000 a 100 |    |                  |
| NPL                |                    | 1                             | 0     | 0       | 0       | 0          | NR | 0                |
| Proposed NPL       |                    | 1                             | 0     | 0       | 0       | 0          | NR | 0                |
| Delisted NPL       |                    | 1                             | 0     | 0       | 0       | 0          | NR | 0                |
| NPL LIENS          |                    | TP                            | NR    | NR      | NR      | NR         | NR | 0                |
| CERCLIS            |                    | 1/2                           | 0     | 0       | 0       | NR         | NR | 0                |
| CERC-NFRAP         |                    | 1/2                           | 0     | 0       | 0       | NR         | NR | 0                |
| LIENS 2            |                    | TP                            | NR    | NR      | NR      | NR         | NR | 0                |
| CORRACTS           |                    | 1                             | 0     | 0       | 0       | 0          | NR | 0                |
| RCRA TSDF          |                    | 1/2                           | 0     | 0       | 0       | NR         | NR | 0                |
| RCRA LQG           |                    | 1/4                           | 0     | 0       | NR      | NR         | NR | 0                |
| RCRA SQG           |                    | 1/4                           | 0     | 0       | NR      | NR         | NR | 0                |
| RCRA CESQG         |                    | 1/4                           | 0     | 0       | NR      | NR         | NR | 0                |
| RCRA NonGen        |                    | 1/4                           | 0     | 0       | NR      | NR         | NR | 0                |
| US ENG<br>CONTROLS |                    | 1/2                           | 0     | 0       | 0       | NR         | NR | 0                |
| US INST<br>CONTROL |                    | 1/2                           | 0     | 0       | 0       | NR         | NR | 0                |
| ERNS               |                    | TP                            | NR    | NR      | NR      | NR         | NR | 0                |
| HMIRS              |                    | TP                            | NR    | NR      | NR      | NR         | NR | 0                |
| DOT OPS            |                    | TP                            | NR    | NR      | NR      | NR         | NR | 0                |
| US CDL             |                    | TP                            | NR    | NR      | NR      | NR         | NR | 0                |
| US<br>BROWNFIELDS  |                    | 1/2                           | 0     | 0       | 0       | NR         | NR | 0                |
| DOD                |                    | 1                             | 0     | 0       | 0       | 0          | NR | 0                |
| FUDS               |                    | 1                             | 0     | 0       | 0       | 0          | NR | 0                |
| LUCIS              |                    | 1/2                           | 0     | 0       | 0       | NR         | NR | 0                |
| CONSENT            | †                  | 1                             | 0     | 0       | 0       | 0          | NR | 0                |
| ROD                |                    | 1                             | 0     | 0       | 0       | 0          | NR | 0                |

| Database (Cont.) | Target<br>Property | Search<br>Distance<br>(Miles) | < 1/8 | 1/8—1/4 | 1/4—1/2 | 1/2 1 | >1 | Total<br>Plotted |
|------------------|--------------------|-------------------------------|-------|---------|---------|-------|----|------------------|
| Federal Record   | ls (Continu        | ed)                           |       |         | 70 7670 |       |    |                  |
| UMTRA            |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| ODI              |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| MINES            |                    | 1/4                           | 0     | 0       | NR      | NR    | NR | 0                |
| TRIS             |                    | TP                            | NR    | NR      | NR      | NR    | NR | 0                |
| TSCA             |                    | TP                            | NR    | NR      | NR      | NR    | NR | 0                |
| FTTS             |                    | TP                            | NR    | NR      | NR      | NR    | NR | 0                |
| HIST FTTS        |                    | TP                            | NR    | NR      | NR      | NR    | NR | 0                |
| SSTS             |                    | TP                            | NR    | NR      | NR      | NR    | NR | 0                |
| ICIS             |                    | TP                            | NR    | NR      | NR      | NR    | NR | 0                |
| PADS             |                    | TP                            | NR    | NR      | NR      | NR    | NR | 0                |
| MLTS             |                    | TP                            | NR    | NR      | NR      | NR    | NR | 0                |
| RADINFO          |                    | TP                            | NR    | NR      | NR      | NR    | NR | 0                |
| FINDS            | _                  | TP                            | NR    | NR      | NR      | NR    | NR | 0                |
| RAATS            |                    | TP                            | NR    | NR      | NR      | NR    | NR | 0                |
| SCRD             |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| DRYCLEANERS      |                    | West .                        |       |         |         |       |    | •                |
| State and Loca   | l Records          |                               |       |         |         |       |    |                  |
| SHWS             |                    | 1                             | 0     | 0       | 0       | 0     | NR | 0                |
| NC HSDS          |                    | 1                             | 0     | 0       | 0       | 0     | NR | 0                |
| IMD              |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| SWF/LF           |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| OLI              |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| HIST LF          |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| LUST             |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| LAST             |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| LUST TRUST       |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| UST              |                    | 1/4                           | 0     | 0       | NR      | NR    | NR | 0                |
| AST              |                    | 1/4                           | 0     | 0       | NR      | NR    | NR | 0                |
| INST CONTROL     |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| SWRCY            |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| VCP              |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| DRYCLEANERS      |                    | 1/4                           | 0     | 0       | NR      | NR    | NR | 0                |
| BROWNFIELDS      |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| NPDES            |                    | TP                            | NR    | NR      | NR      | NR    | NR | 0                |
| Tribal Records   |                    | VI simo                       |       |         |         |       |    |                  |
| INDIAN RESERV    |                    | 1                             | 0     | 0       | 0       | 0     | NR | 0                |
| INDIAN ODI       | 1 1                | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| INDIAN LUST      |                    | 1/2                           | 0     | 0       | 0       | NR    | NR | 0                |
| INDIAN UST       |                    | 1/4                           | 0     | 0       | NR      | NR    | NR | 0                |
| INDIAN UST       |                    | /4                            |       |         |         |       |    |                  |

| Database (Cont.)        | Target<br>Property | Search<br>Distance<br>(Miles) | < 1/8 | 1/8-1/4  | 1/4-1/2 | 1⁄2-1             | >1         | Total<br>Plotted |  |
|-------------------------|--------------------|-------------------------------|-------|----------|---------|-------------------|------------|------------------|--|
| EDR Proprietary Records |                    |                               |       |          |         |                   |            |                  |  |
| Manufactured Gas        |                    | 1                             | 0     | 0        | 0       | 0                 | NR         | 0                |  |
| Plant                   |                    |                               |       |          | 9       |                   |            |                  |  |
| EDR Historical          |                    | 1/4                           | 0     | 0        | NR      | NR                | NR         | 0                |  |
| Auto Stations           |                    |                               |       | - 1901   |         |                   |            |                  |  |
| EDR Historical          |                    | 1/4                           | 0     | 0        | NR      | NR                | NR         | 0                |  |
| Cleaners                |                    |                               |       | 40.00-10 | 200     | PR 3000000 - 2000 | ALL 200-03 |                  |  |

NOTES: TP = Target Property; NR = Not Requested at this Search Distance; Sites may be listed in more than one database.

<u>Subject Property Database Findings</u>: No listings for the subject property were discovered during the regulatory records review.

Adjoining Property Database Findings: No listings for the adjoining properties were discovered during the regulatory records review.

Non-Adjoining Property Database Findings: No listings for non-adjoining properties were discovered within the AMSD during the regulatory records review.

Orphan Sites: During compilation of the EDR database report, some potential risk properties may be identified which cannot be accurately mapped due to poor or inadequate address information. These properties are usually listed in the EDR report as unmappable. According to EDR, twenty-nine (29) listings for unmappable (orphan) sites were identified in the database findings. The following orphan sites were determined to be in close proximity to the subject site:

<u>Candor WWTP</u>: Listings for Town of Candor Waste Water Treatment Plant, which adjoins the site to the north, were discovered on the FINDS database. The FINDS database is an index and contains pointers to other sources of information. The database entries indicate that the treatment plant was included in the "Clean Watersheds Needs Survey 2008" and has an entry on the North Carolina Facility Identification Template. Neither of these listings provides information suggesting that releases have occurred at the treatment plant facility site. Therefore, we do not consider the adjoining Town of Candor Waste Water Treatment Plant to be a recognized environmental condition in association with the subject property.

<u>Purdue Farms</u>: A listing for Purdue Farms, which adjoins the site to the southeast, was discovered on the UST database. According to the listing, Purdue Farms operates a 15,000 gallon underground storage tank (UST) to store diesel fuel. The tank was reportedly installed in March 1987 and is currently in use. In addition, the facility formerly used a 1,000 gallon UST to store oil. The former tank was reportedly installed

in March 1987 and removed in January 1991. The facility was not identified on the LUST database; therefore, no releases have been reported at the facility. Furthermore, review of the USGS topographic map suggests that the Purdue facility is located in an area considered to be hydraulically cross gradient from the subject property, with an inferred direction of groundwater flowing away from the subject property. Given the inferred direction of groundwater flow, incidents at the facility would not be expected to adversely impact the subject site. As such, we do not consider the Purdue Farms site to be a recognized environmental condition in association with the subject property.

<u>Candor Hatchery</u>: A listing for the Candor Hatchery facility was discovered on the FINDS database. The facility address is noted as a P.O. Box; however, the hatchery facility is likely part of the Purdue Farms complex that adjoins the site to the southeast. As discussed above, incidents at the facility would not be expected to adversely impact the subject site due to inferred groundwater flow direction. As such, we do not consider the Candor Hatchery facility to be a recognized environmental condition in association with the subject property.

At the time of our site visit, a vehicular reconnaissance of the area within approximately 1/2 mile of the subject property was conducted in an effort to locate orphan sites. No other orphan sites were identified during the vehicular reconnaissance.

Additional Environmental Record Sources: Pursuant to ASTM Standard E 1527-05 § 8.2.2, additional environmental record sources were obtained to enhance and/or supplement the standard environmental record sources. As part of this Phase I ESA, records available on the NCDENR website were reviewed. In addition, the Town of Candor Fire Department was contacted to provide supplemental information and determine if any environmental conditions are known to exist or have formerly existed at the subject site and/or off-site adjoining properties. The following issues were addressed with respect to the subject site and adjoining properties:

- Groundwater Quality;
- Surface Water Quality;
- Solid Waste:
- Surface Spills;
- Hazardous Waste Storage and Disposal; and
- Underground Storage Tanks (USTs).

Based on the review by Geoscience, NCDENR maintains no records pertaining to the subject site or adjoining properties that were not discussed in the previous section of this report.

As of the date of this report, the Town of Candor Fire Department had not responded to our request for information.

#### SITE RECONNAISSANCE FINDINGS

<u>Subject Property Reconnaissance Findings</u>: As mentioned previously, a reconnaissance was performed at the subject site to obtain information indicating the likelihood of recognized environmental conditions in connection with the property. A summary of uses and conditions specifically addressed and consistent with ASTM Standard E 1527-05 § 9.4.2.3 through § 9.4.4.7 is provided below:

• Hazardous Substances In Connection With Identified Uses: Fourteen (14) drums were observed inside the warehouse area of the building during our reconnaissance. The drums were labeled as containing Foamseal F2100 two (2) part adhesive foam (Photographs 15 and 17), Foamseal F6400 LV one (1) part adhesive (Photograph 16), Pimco P5100 polyurethane adhesive (Photograph 18), and Super Solve #2 (Photograph 19). As observed during the site reconnaissance, the drums appeared to be in good condition. Furthermore, with the exception of the minor staining visible beneath the drum rack in Photograph 17, no evidence of leak or discharge was noted on or beneath the drums. The minor stain visible in Photograph 17 appeasers to be the result of a spill of Foamseal F2100 resin. Geoscience considers this staining to be de minimis. Therefore, based on our observations, Geoscience does not consider the observed drums to be recognized environmental conditions in association with the subject site.

Geoscience also noted the presence of eight (8) bulk totes and a 55-gallon steel drum in the storage yard. Six (6) of these totes, shown in Photograph 20, were located at the northeastern corner of the yard. The remaining two (2) totes, shown in Photograph 21, were on a rack immediately north of the building. The drum, located adjacent to the solid waste dumpster, is visible in Photograph 26. At the time of our site visit the drum and totes were empty. The labeling on the totes and drum were not legible, therefore, the former contents of these containers could not be verified. However, the adhesives observed inside the building are available for purchase in bulk totes. Therefore, we anticipate that the observed totes likely contained adhesives. No staining, stressed vegetation, or unusual odors were noted beneath the empty totes and drum. Given the lack of evidence of leaks or spills, we do not consider the observed totes or drum to be recognized environmental conditions in association with the subject site.

Storage Tanks: As shown in Photograph 22, a small above ground storage tank (AST) labeled as containing waste oil was observed adjacent to the northeastern corner of the existing building. In addition, the vent and fill pipes for a storage tank were noted to protrude from the pump house adjacent to the south western corner of the building. These pipes, shown in Photograph 23, suggest that an AST (likely containing diesel fuel) is located within the pump house (the pump house was locked at the time of our

site visit). No staining, stressed vegetation, or unusual odors were noted beneath the waste oil AST or the perimeter of the pump house foundation. Given the lack of evidence of leaks or spills, we do not consider the observed ASTs to be recognized environmental conditions in association with the subject site.

Geoscience also noted three (3) propane tanks on the site. Two (2) of these tanks, shown in Photograph 24, were located at the northeastern corner of the storage yard. The remaining propane tank was located south of the existing building. As observed during the site reconnaissance, the propane tanks appeared to be in good condition with no evidence of leak or discharge. Based on our observation, Geoscience does not consider the observed propane tanks to be recognized environmental conditions in association with the subject site.

- Polychlorinated Biphenyls (PCBs): A pad mounted transformer, shown in Photograph 25, was observed adjacent to the northern wall of the existing building. As observed during the site reconnaissance, the transformer appeared to be in good condition with no evidence of leak or discharge. Based on our observation, Geoscience does not consider the observed transformer to be a recognized environmental condition in association with the subject site.
- Indications Of Solid Waste Disposal: A solid waste dumpster, shown in Photograph 26, was noted on the eastern portion of the storage yard. It is our understanding that disposal of solid wastes generated on the property is handled by a private contractor. In addition, a small pile of demolition debris, shown in Photograph 27, was observed on the southern portion of the site. Materials observed in the pile included concrete masonry units, metal roofing sheets, and lumber. No evidence of hazardous material disposal, staining, leaks, or unusual odors were observed in the vicinity of the dumpster or debris pile during our site visit. Given the lack of evidence of hazardous material disposal and/or leaks and spills, we do not consider solid waste disposal practices on the property to be a recognized environmental condition in association with the subject site.

Adjoining Properties Reconnaissance Findings: A summary of uses and conditions specifically addressed at adjoining properties that are consistent with ASTM Standard E 1527-05 § 9.4.2.3 through § 9.4.4.7 and indicate the likelihood of recognized environmental conditions in connection with the subject site is provided below:

- <u>Hazardous Substances In Connection With Identified Uses</u>: No hazardous substances were observed on properties adjoining the subject site.
- Storage Tanks: As shown in Photograph 28, two (2) silos associated with a mobile asphalt plant are being stored on the northeastern adjoining property owned by S.T. Wooten Corporation. The silo structure includes three (3) small ASTs that are presumably used to store fuel used by the silo structure. As seen from the subject

property, the silos and ASTs appeared to be in good condition with no evidence of leak or discharge. Furthermore, Mr. Ray Hudson, Principal with S.T. Wooten Corporation stated that, while asphalt plant operations on the adjoining property ceased approximately 10 or 12 years ago, S.T. Wooten placed the silo structure on the adjoining site only one (1) or two (2) years ago. His statement is consistent with our historical research in that the silo structure is not visible on the 2010 or earlier aerial photographs. Based on the above information, Geoscience concludes that impact to the subject site as a result of activities associated with the silo structure is unlikely. As such, we do not consider the observed silos or ASTs to be recognized environmental conditions in association with the subject site.

- Polychlorinated Biphenyls (PCBs): The off-site reconnaissance of adjacent properties addressed outdoor electrical transformers and other equipment suspected to contain PCBs. Two (2) pole mounted transformers were observed in close proximity to the subject site at the intersection of McAuley Farm Road with N.C. Highway 211. As observed during the site reconnaissance, the off-site transformers appeared to be in good condition with no evidence of a leak or discharge. Based on our observation, Geoscience does not consider the observed transformers to be recognized environmental conditions in association with the subject site.
- <u>Indications Of Solid Waste Disposal</u>: No evidence of solid waste disposal on the adjoining properties was observable from the publicly accessible areas.

#### FINDINGS AND CONCLUSIONS

Geoscience Group, Inc. (Geoscience) has completed a Phase I Environmental Site Assessment (ESA) of an approximate 78.67± acre tract located on the northern side of North Carolina Highway 211 immediately northeast of its intersection with McAuley Farm Road in Candor, Montgomery County, North Carolina. This Phase I ESA has been performed in general accordance with the scope and limitations of ASTM Standard E 1527-05 and in compliance with Geoscience's proposal dated March 4, 2013 (Geoscience Proposal No. CH13.041P.EV). Any exceptions to, or deletions from, the ASTM E 1527-05 standard of practice are described in the *INTRODUCTION* section of the report. Based upon our findings, this assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.

It should be noted that much of the information provided in this summary report is based upon personal interviews and review of available documents, records, and maps held by the appropriate government and private agencies. This summary is subject to the limitations of historical documentation, availability and accuracy of pertinent records and the personal recollection of those persons contacted.

## **QUALIFICATIONS**



This report was prepared by the undersigned environmental professionals whose qualifications are included in Appendix VI of this report and is intended for the sole use of LandDesign, Inc. This report should not be relied upon by any other parties without the express written consent of Geoscience Group, Inc.

Geoscience appreciates the opportunity to be of service to you on this project. If you have any questions regarding this report or require additional information, please contact us.

Respectfully,

GEOSCIENCE GROUP, INC.

Thomas C. Hassett, P.E.

Project Engineer

William J. Sullivan, P.E. Senior Consulting Engineer

TCH/WJS/tch

**Enclosures** 

ENV/2013/027 - Candor Site/Candor ESA.doc

## APPENDIX I

Maps and Sketches:

Figure No. CH027-1 - Vicinity Map

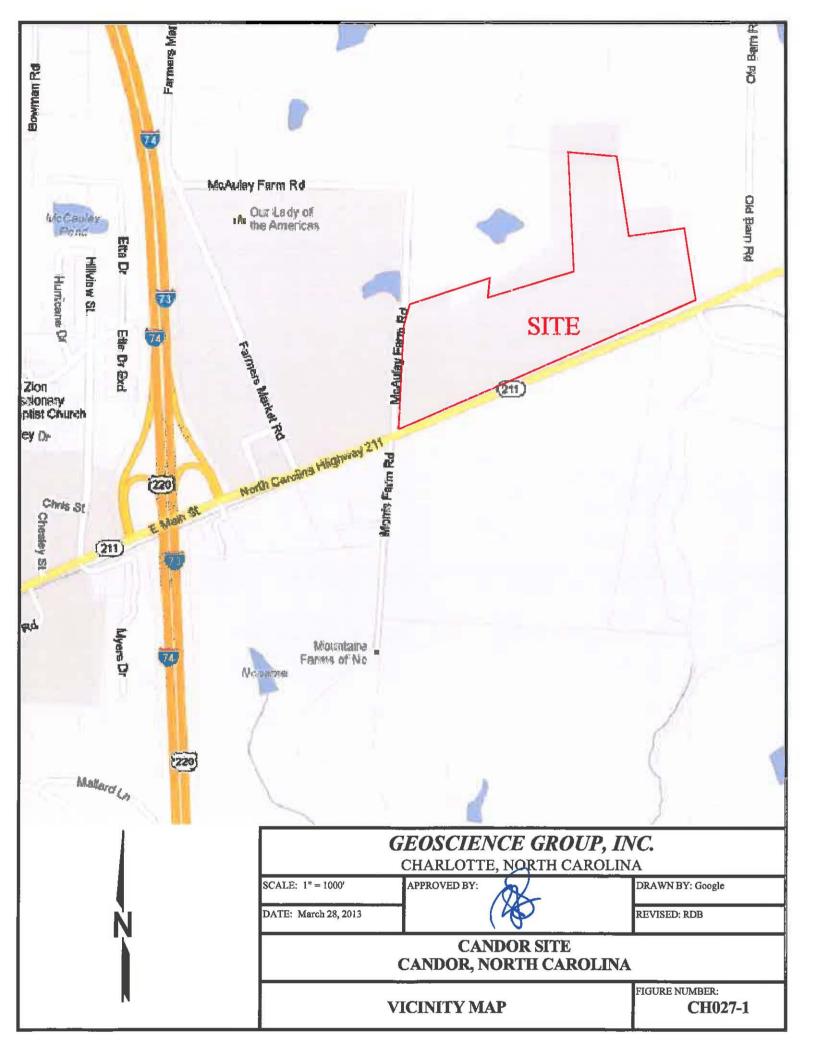
Figure No. CH027-2 - Tax Line Map

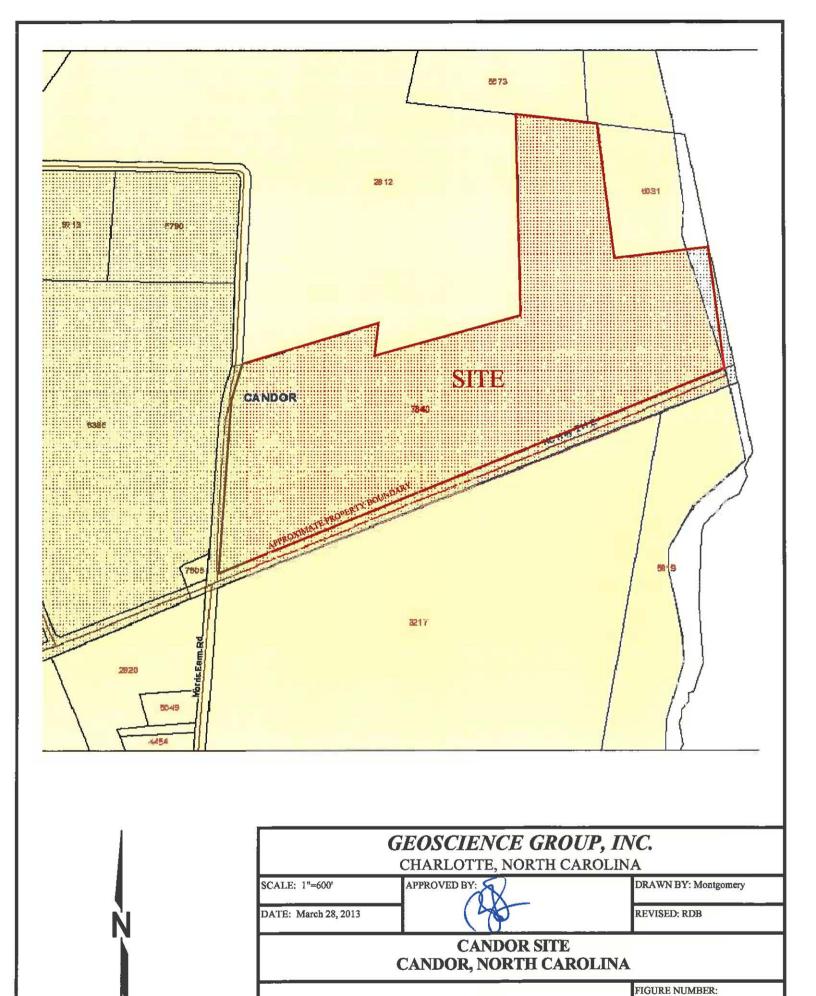
Figure No. CH027-3 - Site Layout

Figure No. CH027-3A - Building Layout

Figure No. CH027-4 - Partial Site Topography

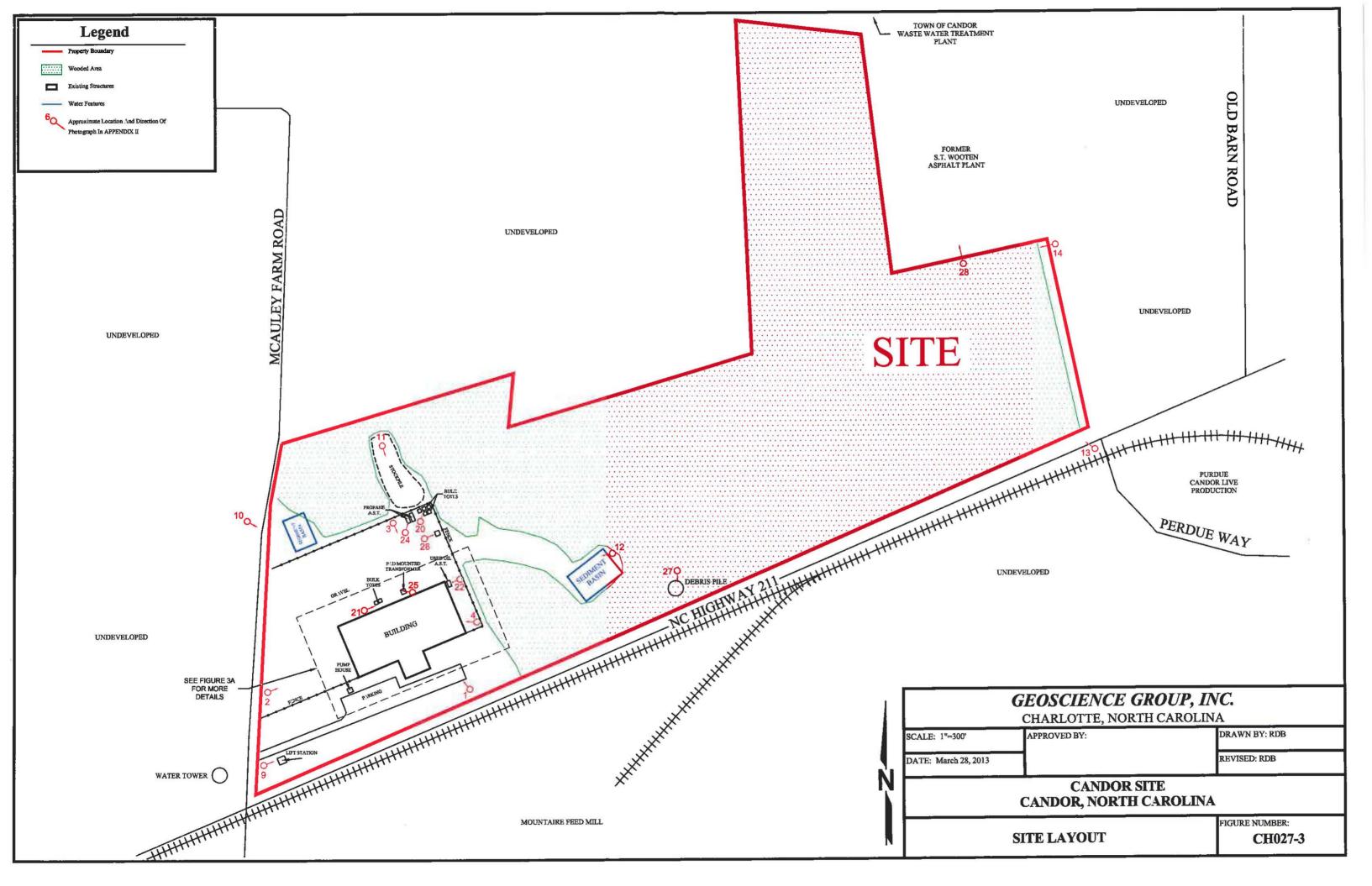
Figure No. CH027-5 - 1994 USGS Topographic Map

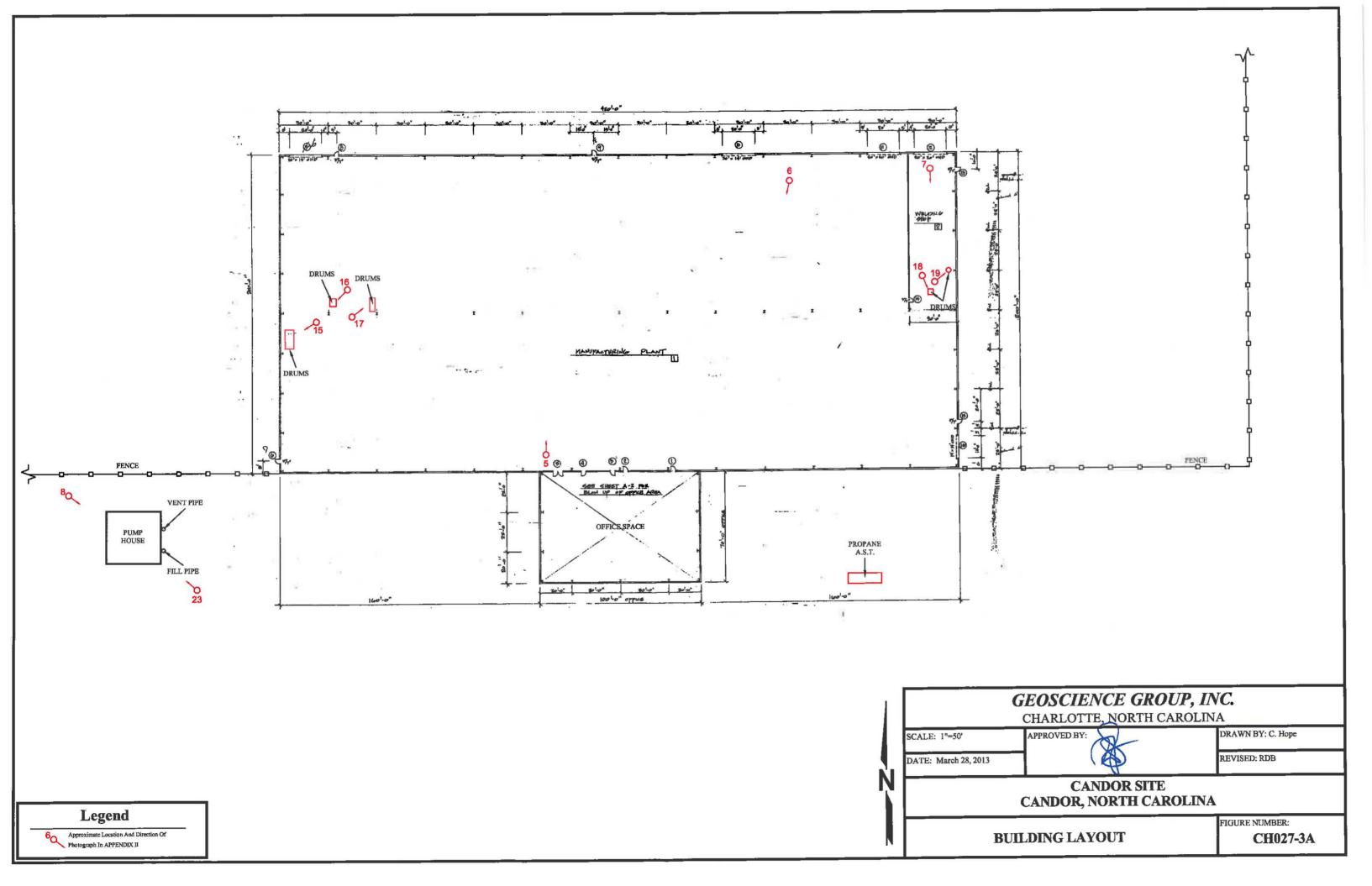


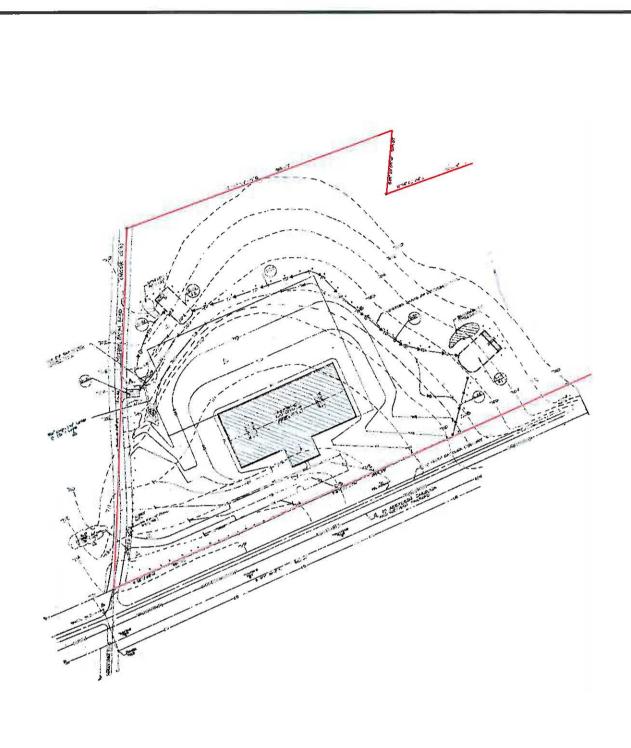


TAX LINE MAP

CH027-2







GEOSCIENCE GROUP, INC. CHARLOTTE, NORTH CAROLINA

SCALE: 1"=2001

APPROVED B

DRAWN BY: C. Hope

DATE: March 28, 2013

REVISED: RDB

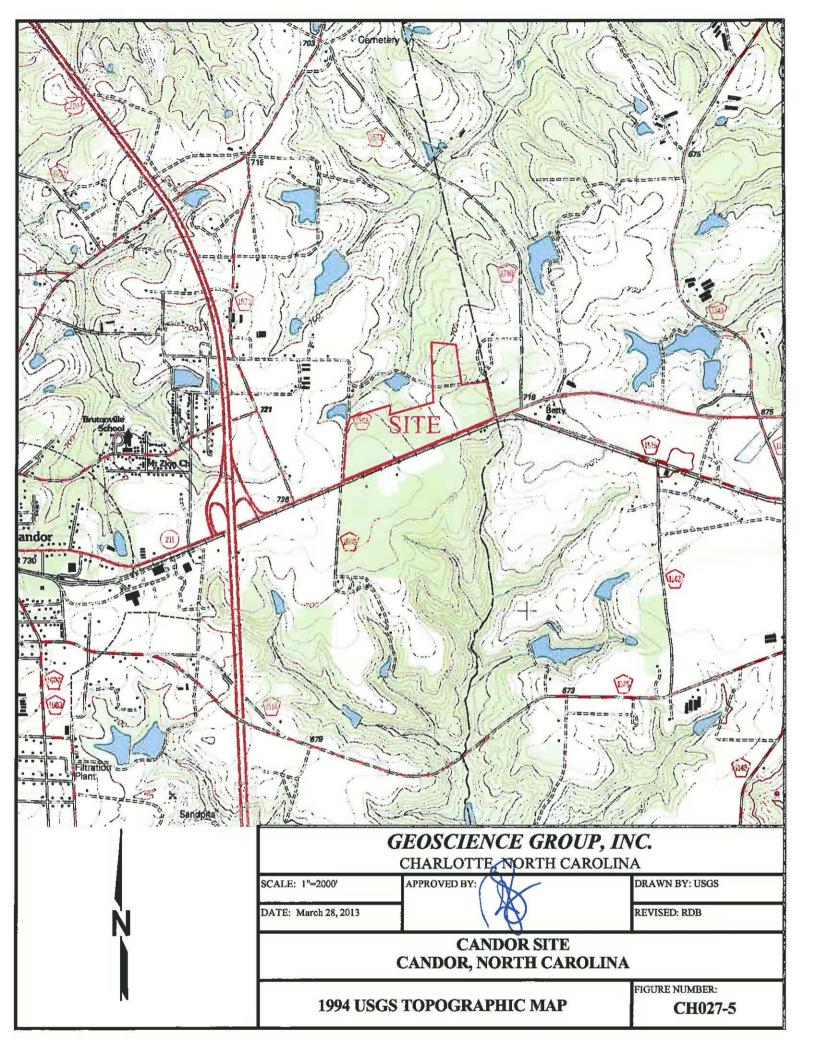
CANDOR SITE CANDOR, NORTH CAROLINA

PARTIAL SITE TOPOGRAPHY

FIGURE NUMBER:

CH027-4





## APPENDIX II

Site Photographs 1 through 28



1) A panoramic view of the existing building as seen facing northwest from the southern boundary of the site.



2) A panoramic view of the existing building as seen facing east-northeast from the western boundary of the site.



3) A panoramic view of the existing building as seen facing south from the northeastern portion of the storage yard.



4) A panoramic view of the existing building as seen facing west from the southeastern portion of the storage yard.



5) The interior of the warehouse area as seen facing north from the southern side of the warehouse.



6) The interior of the warehouse area as seen facing south from the northern side of the warehouse.



7) The welding shop room as seen facing south-southeast from the northeastern building corner.



8) The pump house located adjacent to the southwestern building corner.



9) The lift station observed on the southwestern corner of the site.



10) A panoramic view of the northwestern portion of the property as seen facing east from McAuley Farm Road.



11) A panoramic view of the northwestern portion of the property as seen facing south from the northern property boundary.



12) A panoramic view of the central portion of the site as seen facing northwest from the detention basin.



13) A panoramic view of the southeastern corner of the site as seen facing northwest from N.C. Highway 211.



14) A panoramic view of the eastern portion of the site as seen facing west from the eastern property boundary.



15) Drums observed in the western portion of the warehouse.



16) Drums observed in the western portion of the warehouse.



17) Drums observed in the western portion of the warehouse.



19) A drum observed in the welding room.



18) Drums observed in the welding room.



20) Bulk totes observed on the northeastern corner of the storage yard.



21) Bulk totes observed on the southern portion of the storage yard.



23) Vent and fill pipes observed protruding from the pump house.



22) A used oil AST observed adjacent to the northeastern building corner.



24) Propane ASTs on the northeastern corner of the storage yard.



25) The pad mounted transformer immediately north of the building.



26) The dumpster observed on the eastern portion of the storage yard.



27) Debris pile observed on the southern portion of the site.



28) Silos stored on the northeastern adjoining property.

## APPENDIX III

Historical Research Documentation:

Certified Sanborn Map Report

EDR Historical Topographic Map Report

Candor Site 744-733 NC HWY 211 E Biscoe, NC 27209

Inquiry Number: 3545550.3

March 15, 2013

# Certified Sanborn® Map Report



# Certified Sanborn® Map Report

3/15/13

Site Name:

**Client Name:** 

Candor Site 744-733 NC HWY 211 E

Biscoe, NC 27209

Geoscience Group 500 Clanton Road Charlotte, NC 28217

EDR Inquiry # 3545550.3

Contact: Thomas Hassett



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Geoscience Group were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

#### Certified Sanborn Results:

Site Name:

Candor Site

Address:

744-733 NC HWY 211 E

City, State, Zip: **Cross Street:** 

Biscoe, NC 27209

P.O. #

CH13.0027.EV Candor Site

**Project:** Certification #

65B7-436C-B04A

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results Certification # 65B7-436C-B04A

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress

University Publications of America

**EDR Private Collection** 

The Sanborn Library LLC Since 1866™

#### **Limited Permission To Make Copies**

Geoscience Group (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

### Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be CONCLUDED FOR THE COVERAGE INC. IN CONTROL OF THE CONTROL OF THE COVERAGE INC. IN CONTROL OF THE ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Candor Site 744-733 NC HWY 211 E Biscoe, NC 27209

Inquiry Number: 3545550.4

March 15, 2013

# **EDR Historical Topographic Map Report**



# **EDR Historical Topographic Map Report**

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

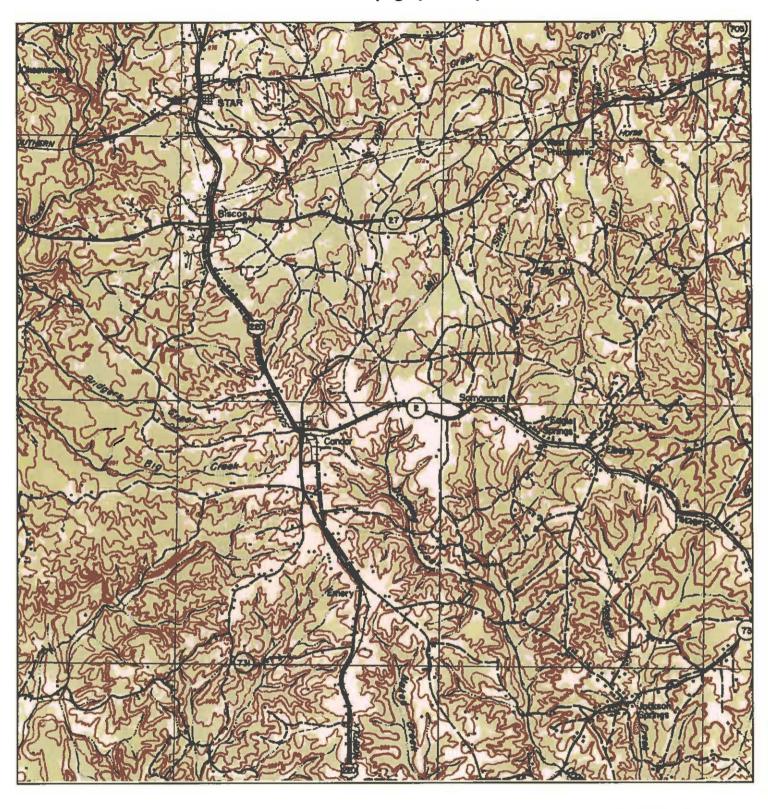
Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

#### Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



N

TARGET QUAD NAME: TROY MAP YEAR: 1942

SERIES: 30 SCALE: 1:125000 SITE NAME: Candor Site

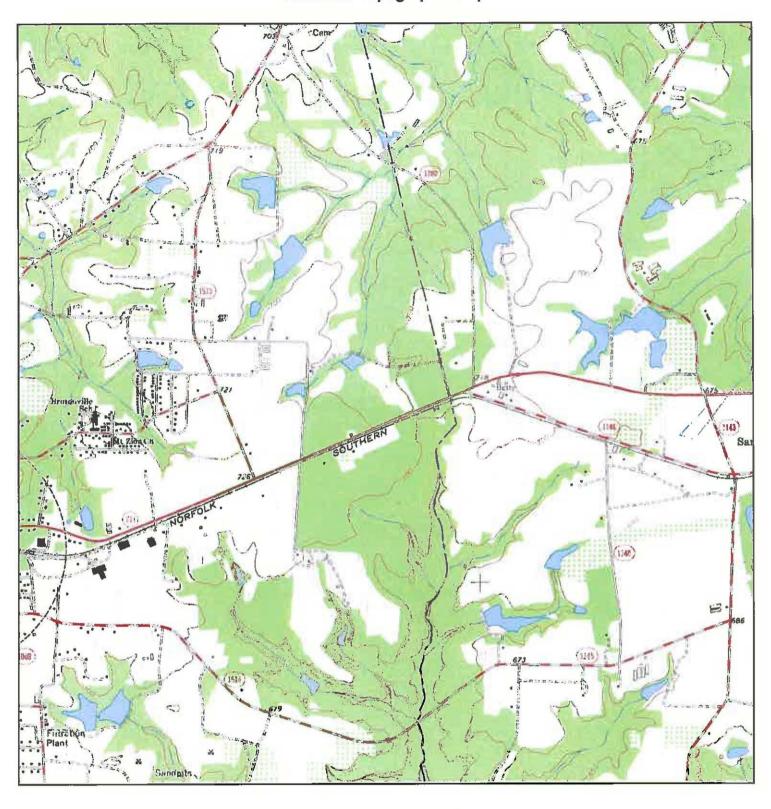
ADDRESS: 744-733 NC HWY 211 E

Biscoe, NC 27209

LAT/LONG: 35.3024 / -79.715

CLIENT: Geoscience Group CONTACT: Thomas Hassett

INQUIRY#: 3545550.4 RESEARCH DATE: 03/15/2013



TARGET QUAD

NAME: CANDOR

MAP YEAR: 1974

SERIES: SCALE:

7.5 1:24000

SITE NAME: Candor Site

ADDRESS: 744-733 NC HWY 211 E

Biscoe, NC 27209

35.3024 / -79.715 LAT/LONG:

CLIENT:

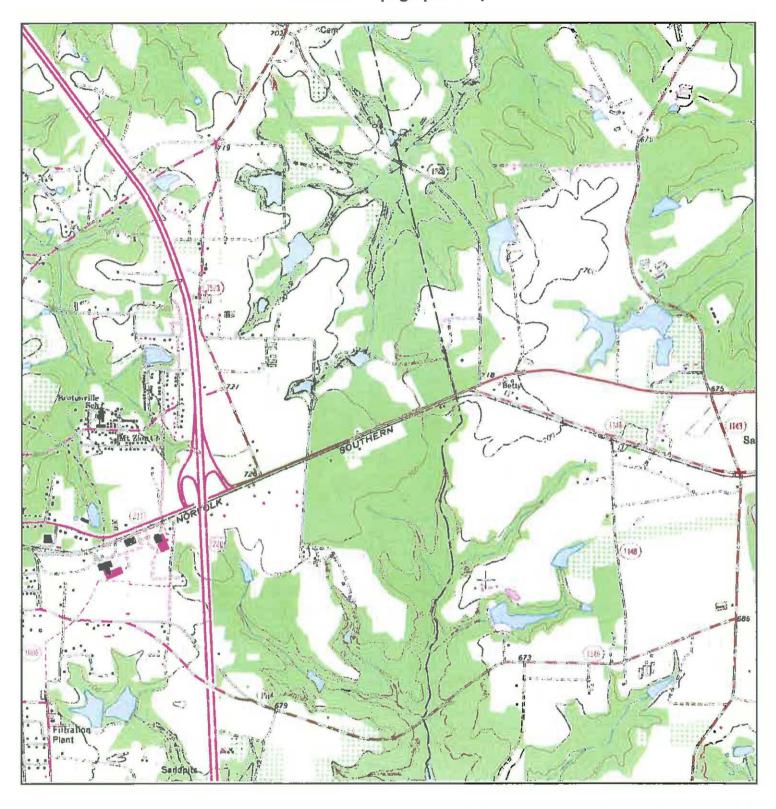
Geoscience Group

CONTACT:

Thomas Hassett

INQUIRY#: 3545550.4

RESEARCH DATE: 03/15/2013



N

TARGET QUAD

NAME: CANDOR MAP YEAR: 1981

PHOTOREVISED FROM: 1974

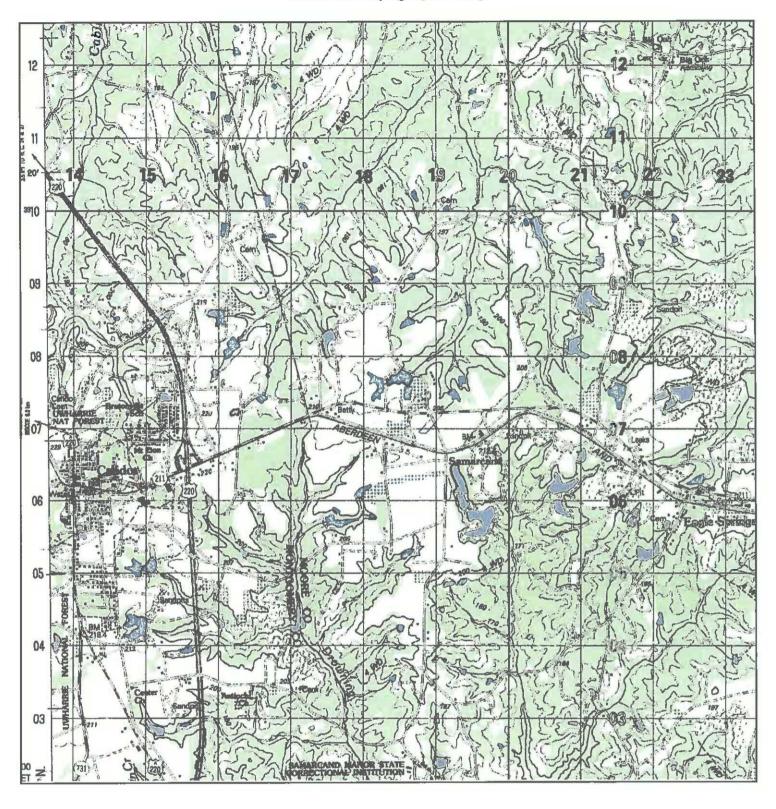
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Candor Site

ADDRESS: 744-733 NC HWY 211 E

Biscoe, NC 27209

LAT/LONG: 35.3024 / -79.715

CLIENT: Geoscience Group
CONTACT: Thomas Hassett
INQUIRY#: 3545550.4
RESEARCH DATE: 03/15/2013





TARGET QUAD

ROBBINS NAME:

**MAP YEAR: 1983** 

SERIES:

15 SCALE: 1:50000

SITE NAME: Candor Site

744-733 NC HWY 211 E ADDRESS:

Biscoe, NC 27209

LAT/LONG: 35.3024 / -79.715 CLIENT:

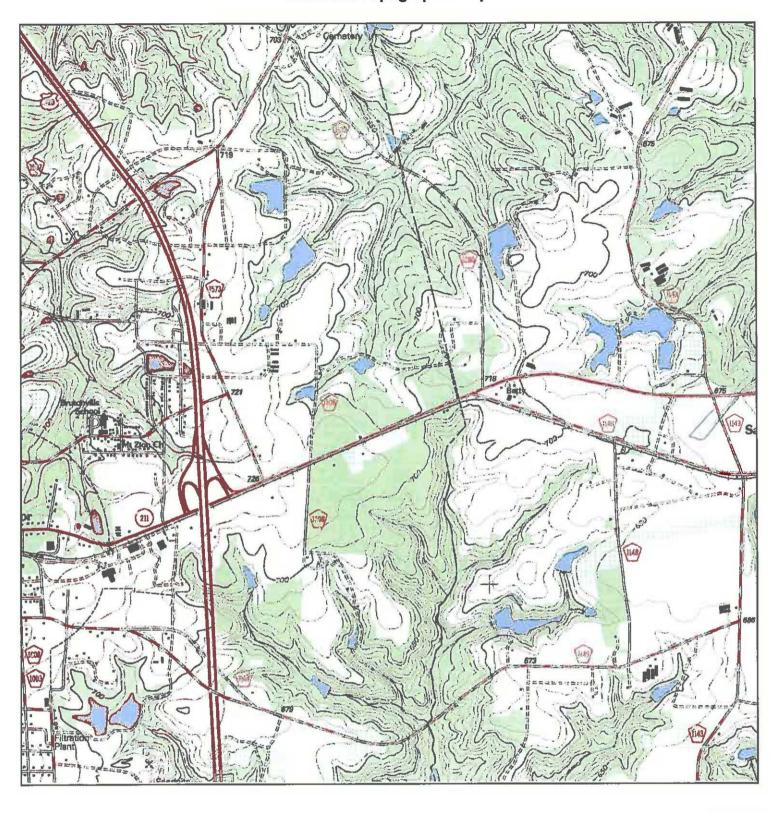
Geoscience Group

CONTACT:

Thomas Hassett

INQUIRY#:

3545550.4 RESEARCH DATE: 03/15/2013



TARGET QUAD

CANDOR NAME: **MAP YEAR: 1994** 

SERIES:

7.5 SCALE: 1:24000 SITE NAME: Candor Site

ADDRESS: 744-733 NC HWY 211 E

Biscoe, NC 27209

LAT/LONG: 35.3024 / -79.715 CLIENT: Geoscience Group CONTACT: **Thomas Hassett** 

INQUIRY#: 3545550.4

RESEARCH DATE: 03/15/2013

# APPENDIX IV

Regulatory Records Documentation:

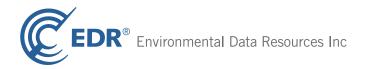
EDR Radius Map Report

Candor Site 744-733 NC HWY 211 E Biscoe, NC 27209

Inquiry Number: 3545550.2s

March 15, 2013

# The EDR Radius Map™ Report with GeoCheck®



### **TABLE OF CONTENTS**

| SECTION   | PAGE      |
|---|-----------|
| Executive Summary                                   | ES1       |
| Overview Map.                                       | <b>2</b>  |
| Detail Map.   | <b> 3</b> |
| Map Findings Summary                                | 4         |
| Map Findings.                                       | 7         |
| Orphan Summary.                                     |           |
| Government Records Searched/Data Currency Tracking. | GR-1      |
| GEOCHECK ADDENDUM                                   |           |
| Physical Setting Source Addendum                    | A-1       |
| Physical Setting Source Summary                     | A-2       |
| Physical Setting Source Map.                        | A-8       |
| Physical Setting Source Map Findings.               | A-9       |
| Physical Setting Source Records Searched            | A-12      |

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

### **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

### **ADDRESS**

744-733 NC HWY 211 E BISCOE, NC 27209

### **COORDINATES**

Latitude (North): 35.3024000 - 35° 18' 8.64" Longitude (West): 79.7150000 - 79° 42' 54.00"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 616831.4 UTM Y (Meters): 3907137.8

Elevation: 690 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 35079-C6 CANDOR, NC

Most Recent Revision: 1994

### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Photo Year: 2010 Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### **DATABASES WITH NO MAPPED SITES**

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

| Federal NPL site list |                        |
|-----------------------|------------------------|
| NPL                   | National Priority List |

Proposed NPL.....Proposed National Priority List Sites NPL LIENS..... Federal Superfund Liens Federal Delisted NPL site list Delisted NPL..... National Priority List Deletions Federal CERCLIS list FEDERAL FACILITY..... Federal Facility Site Information listing Federal CERCLIS NFRAP site List CERC-NFRAP..... CERCLIS No Further Remedial Action Planned Federal RCRA CORRACTS facilities list CORRACTS..... Corrective Action Report Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF...... RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-LQG\_\_\_\_\_\_RCRA - Large Quantity Generators RCRA-SQG..... RCRA - Small Quantity Generators RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator Federal institutional controls / engineering controls registries US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL..... Sites with Institutional Controls LUCIS.....Land Use Control Information System Federal ERNS list ERNS..... Emergency Response Notification System State- and tribal - equivalent NPL NC HSDS..... Hazardous Substance Disposal Site State- and tribal - equivalent CERCLIS SHWS..... Inactive Hazardous Sites Inventory State and tribal landfill and/or solid waste disposal site lists SWF/LF..... List of Solid Waste Facilities OLI..... Old Landfill Inventory State and tribal leaking storage tank lists LUST...... Regional UST Database

LUST TRUST\_\_\_\_\_ State Trust Fund Database

LAST.....Leaking Aboveground Storage Tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### State and tribal registered storage tank lists

UST..... Petroleum Underground Storage Tank Database

AST..... AST Database

INDIAN UST...... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

### State and tribal institutional control / engineering control registries

### State and tribal voluntary cleanup sites

#### State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Projects Inventory

#### ADDITIONAL ENVIRONMENTAL RECORDS

### Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

### Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

### Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

US HIST CDL..... National Clandestine Laboratory Register

### Local Land Records

LIENS 2..... CERCLA Lien Information

### Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

IMD..... Incident Management Database

### Other Ascertainable Records

RCRA NonGen / NLR...... RCRA - Non Generators

DOT OPS...... Incident and Accident Data DOD...... Department of Defense Sites FUDS..... Formerly Used Defense Sites

CONSENT...... Superfund (CERCLA) Consent Decrees

ROD...... Records Of Decision UMTRA..... Uranium Mill Tailings Sites US MINES..... Mines Master Index File

TRIS...... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

FTTS......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS\_\_\_\_\_\_FIFRA/TSCA Tracking System Administrative Case Listing

SSTS...... Section 7 Tracking Systems

ICIS...... Integrated Compliance Information System

PADS...... PCB Activity Database System MLTS..... Material Licensing Tracking System RADINFO...... Radiation Information Database

FINDS\_\_\_\_\_Facility Index System/Facility Registry System RAATS......RCRA Administrative Action Tracking System

RMP..... Risk Management Plans

UIC...... Underground Injection Wells Listing

DRYCLEANERS..... Drycleaning Sites

NPDES Facility Location Listing

INDIAN RESERV Indian Reservations
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing US AIRS...... Aerometric Information Retrieval System Facility Subsystem

PRP..... Potentially Responsible Parties 2020 COR ACTION....... 2020 Corrective Action Program List

EPA WATCH LIST..... EPA WATCH LIST

US FIN ASSUR..... Financial Assurance Information

PCB TRANSFORMER....... PCB Transformer Registration Database

COAL ASH..... Coal Ash Disposal Sites

COAL ASH DOE Steam-Electric Plant Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

Financial Assurance Information Listing

### **EDR HIGH RISK HISTORICAL RECORDS**

### **EDR Exclusive Records**

EDR MGP..... EDR Proprietary Manufactured Gas Plants EDR US Hist Auto Stat...... EDR Exclusive Historic Gas Stations EDR US Hist Cleaners...... EDR Exclusive Historic Dry Cleaners

### **SURROUNDING SITES: SEARCH RESULTS**

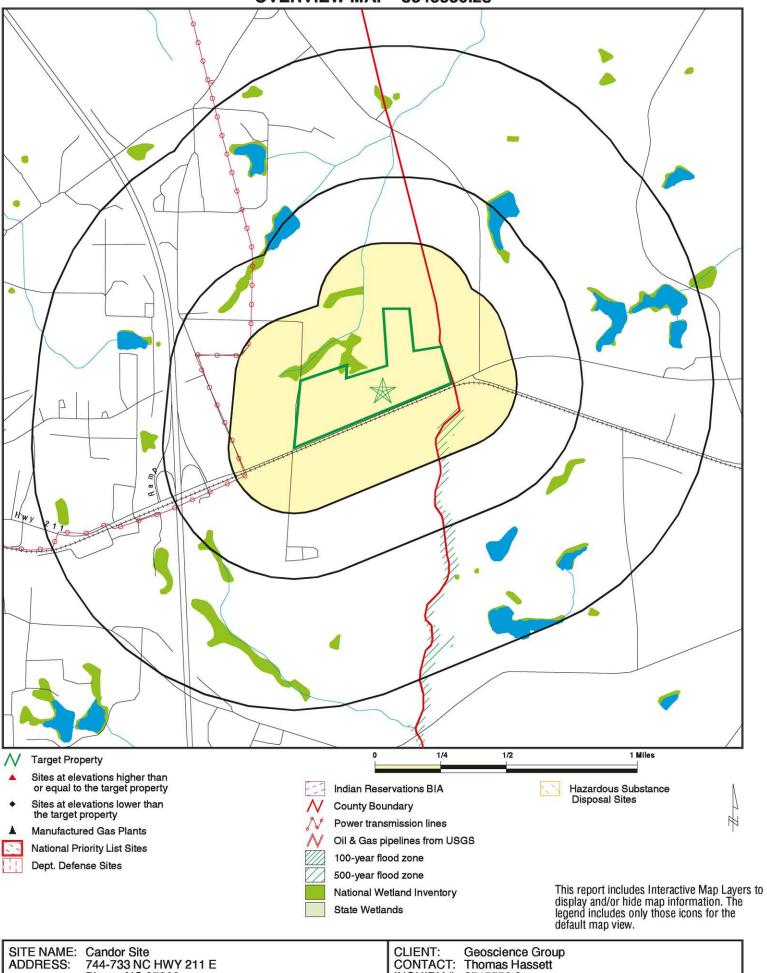
Surrounding sites were not identified.

Unmappable (orphan) sites are not considered in the foregoing analysis.

Due to poor or inadequate address information, the following sites were not mapped. Count: 29 records.

| Site Name                      | Database(s)              |
|--------------------------------|--------------------------|
| CANDOR CREEK INVESTMENTS LLC   | FINDS, US AIRS           |
| ALCOA SHOOTING RANGE           | SHWS                     |
| BURLINGTON INDUSTRIES          | IMD, LUST                |
| MYRICK CONST. INC.             | UST                      |
| MIDWAY SUPER MARKET            | UST                      |
| RED'S AUTO SERVICE             | UST                      |
| EAST MONTGOMERY MIDDLE SCHOOL  | UST                      |
| JAMES W PARSONS                | UST                      |
| ED'S GROCERY                   | UST                      |
| PERDUE FARMS                   | UST                      |
| BILL REYNOLDS TEXACO           | UST                      |
| MCCALLUM PLUMBING & SUPPLY     | UST                      |
| BIG R. TRUCK STOP              | UST                      |
| RALPH CHAPPELL'S GROCERY       | UST                      |
| TOWN OF CANDOR                 | UST                      |
| MACK CHAPPELL                  | UST                      |
| HAROLD BLUE                    | UST                      |
| BREWER'S GRILL                 | UST                      |
| (OLD) SPENCER GROCERY          | UST                      |
| D H GRIFFIN                    | RCRA NonGen / NLR        |
| LEE PAVING COMPANY SITE        | RCRA NonGen / NLR, FINDS |
| METAL RECYCLING SERVICES LLC   | RCRA-CESQG               |
| CANDOR HOSIERY - CANDOR        | FINDS                    |
| APAC ATLANTIC INC - CANDOR SAN | FINDS                    |
| CANDOR HATCHERY                | FINDS                    |
| CANDOR, TOWN OF                | FINDS                    |
| CANDOR WWTP                    | FINDS                    |
| TOWN OF CANDOR                 | FINDS                    |
| CANDOR WWTP TOWN OF            | FINDS                    |

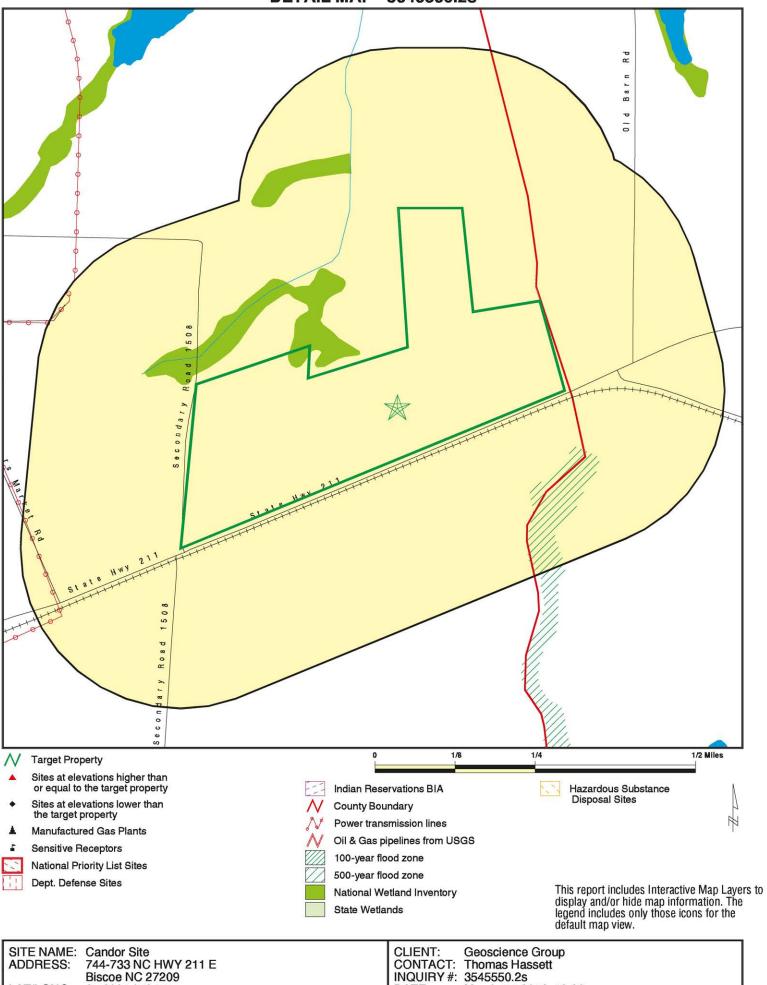
# **OVERVIEW MAP - 3545550.2s**



744-733 NC HWY 211 E Biscoe NC 27209 ADDRESS: Thomas Hassett INQUIRY #: 3545550.2s

LAT/LONG: 35.3024 / 79.715 DATE: March 15, 2013 12:25 pm

# **DETAIL MAP - 3545550.2s**



March 15, 2013 12:26 pm Copyright © 2013 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

3545550.2s

INQUIRY #:

DATE:

LAT/LONG:

35.3024 / 79.715

# **MAP FINDINGS SUMMARY**

| Database   | Search<br>Distance<br>(Miles) | Target<br>Property | < 1/8        | 1/8 - 1/4    | 1/4 - 1/2      | 1/2 - 1        | > 1            | Total<br>Plotted |
|--|-------------------------------|--------------------|--------------|--------------|----------------|----------------|----------------|------------------|
| STANDARD ENVIRONMENT                                       | AL RECORDS                    |                    |              |              |                |                |                |                  |
| Federal NPL site list                                      |                               |                    |              |              |                |                |                |                  |
| NPL<br>Proposed NPL<br>NPL LIENS                           | 1.000<br>1.000<br>TP          |                    | 0<br>0<br>NR | 0<br>0<br>NR | 0<br>0<br>NR   | 0<br>0<br>NR   | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal Delisted NPL site                                  | e list                        |                    |              |              |                |                |                |                  |
| Delisted NPL   | 1.000                         |                    | 0            | 0            | 0              | 0              | NR             | 0                |
| Federal CERCLIS list                                       |                               |                    |              |              |                |                |                |                  |
| CERCLIS<br>FEDERAL FACILITY                                | 0.500<br>0.500                |                    | 0<br>0       | 0<br>0       | 0<br>0         | NR<br>NR       | NR<br>NR       | 0<br>0           |
| Federal CERCLIS NFRAF                                      | site List                     |                    |              |              |                |                |                |                  |
| CERC-NFRAP   | 0.500                         |                    | 0            | 0            | 0              | NR             | NR             | 0                |
| Federal RCRA CORRACT                                       | TS facilities lis             | st                 |              |              |                |                |                |                  |
| CORRACTS   | 1.000                         |                    | 0            | 0            | 0              | 0              | NR             | 0                |
| Federal RCRA non-CORI                                      | RACTS TSD fa                  | acilities list     |              |              |                |                |                |                  |
| RCRA-TSDF  | 0.500                         |                    | 0            | 0            | 0              | NR             | NR             | 0                |
| Federal RCRA generators                                    | s list                        |                    |              |              |                |                |                |                  |
| RCRA-LQG<br>RCRA-SQG<br>RCRA-CESQG                         | 0.250<br>0.250<br>0.250       |                    | 0<br>0<br>0  | 0<br>0<br>0  | NR<br>NR<br>NR | NR<br>NR<br>NR | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal institutional contended in the second controls reg |                               |                    |              |              |                |                |                |                  |
| US ENG CONTROLS<br>US INST CONTROL<br>LUCIS                | 0.500<br>0.500<br>0.500       |                    | 0<br>0<br>0  | 0<br>0<br>0  | 0<br>0<br>0    | NR<br>NR<br>NR | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal ERNS list  |                               |                    |              |              |                |                |                |                  |
| ERNS   | TP                            |                    | NR           | NR           | NR             | NR             | NR             | 0                |
| State- and tribal - equival                                | lent NPL                      |                    |              |              |                |                |                |                  |
| NC HSDS  | 1.000                         |                    | 0            | 0            | 0              | 0              | NR             | 0                |
| State- and tribal - equival                                | lent CERCLIS                  | ;                  |              |              |                |                |                |                  |
| SHWS   | 1.000                         |                    | 0            | 0            | 0              | 0              | NR             | 0                |
| State and tribal landfill a solid waste disposal site      |                               |                    |              |              |                |                |                |                  |
| SWF/LF<br>OLI  | 0.500<br>0.500                |                    | 0<br>0       | 0<br>0       | 0<br>0         | NR<br>NR       | NR<br>NR       | 0<br>0           |
| State and tribal leaking s                                 | torage tank li                | ists               |              |              |                |                |                |                  |
| LUST   | 0.500                         |                    | 0            | 0            | 0              | NR             | NR             | 0                |

# **MAP FINDINGS SUMMARY**

| Database   | Search<br>Distance<br>(Miles)             | Target<br>Property | < 1/8            | <u>1/8 - 1/4</u> | 1/4 - 1/2            | 1/2 - 1                    | > 1                        | Total<br>Plotted |
|--|---|--------------------|------------------|------------------|----------------------|----------------------------|----------------------------|------------------|
| LUST TRUST<br>LAST<br>INDIAN LUST                        | 0.500<br>0.500<br>0.500                   |                    | 0<br>0<br>0      | 0<br>0<br>0      | 0<br>0<br>0          | NR<br>NR<br>NR             | NR<br>NR<br>NR             | 0<br>0<br>0      |
| State and tribal registere                               | d storage tar                             | nk lists           |                  |                  |                      |                            |                            |                  |
| UST<br>AST<br>INDIAN UST<br>FEMA UST                     | 0.250<br>0.250<br>0.250<br>0.250          |                    | 0<br>0<br>0<br>0 | 0<br>0<br>0<br>0 | NR<br>NR<br>NR<br>NR | NR<br>NR<br>NR<br>NR       | NR<br>NR<br>NR<br>NR       | 0<br>0<br>0<br>0 |
| State and tribal institutio control / engineering con    |   | s                  |                  |                  |                      |                            |                            |                  |
| INST CONTROL   | 0.500                                     |                    | 0                | 0                | 0                    | NR                         | NR                         | 0                |
| State and tribal voluntary                               | cleanup site                              | es                 |                  |                  |                      |                            |                            |                  |
| VCP<br>INDIAN VCP  | 0.500<br>0.500                            |                    | 0<br>0           | 0<br>0           | 0<br>0               | NR<br>NR                   | NR<br>NR                   | 0<br>0           |
| State and tribal Brownfie                                | lds sites                                 |                    |                  |                  |                      |                            |                            |                  |
| BROWNFIELDS  | 0.500                                     |                    | 0                | 0                | 0                    | NR                         | NR                         | 0                |
| ADDITIONAL ENVIRONMEN                                    | TAL RECORDS                               | <u>s</u>           |                  |                  |                      |                            |                            |                  |
| Local Brownfield lists                                   |   |                    |                  |                  |                      |                            |                            |                  |
| US BROWNFIELDS   | 0.500                                     |                    | 0                | 0                | 0                    | NR                         | NR                         | 0                |
| Local Lists of Landfill / S<br>Waste Disposal Sites      | olid                                      |                    |                  |                  |                      |                            |                            |                  |
| DEBRIS REGION 9<br>ODI<br>HIST LF<br>SWRCY<br>INDIAN ODI | 0.500<br>0.500<br>0.500<br>0.500<br>0.500 |                    | 0<br>0<br>0<br>0 | 0<br>0<br>0<br>0 | 0<br>0<br>0<br>0     | NR<br>NR<br>NR<br>NR<br>NR | NR<br>NR<br>NR<br>NR<br>NR | 0<br>0<br>0<br>0 |
| Local Lists of Hazardous<br>Contaminated Sites           | waste /                                   |                    |                  |                  |                      |                            |                            |                  |
| US CDL<br>US HIST CDL                                    | TP<br>TP                                  |                    | NR<br>NR         | NR<br>NR         | NR<br>NR             | NR<br>NR                   | NR<br>NR                   | 0<br>0           |
| Local Land Records                                       |   |                    |                  |                  |                      |                            |                            |                  |
| LIENS 2  | TP  |                    | NR               | NR               | NR                   | NR                         | NR                         | 0                |
| Records of Emergency R                                   | elease Repo                               | rts                |                  |                  |                      |                            |                            |                  |
| HMIRS<br>IMD   | TP<br>0.500                               |                    | NR<br>0          | NR<br>0          | NR<br>0              | NR<br>NR                   | NR<br>NR                   | 0<br>0           |
| Other Ascertainable Rec                                  | ords                                      |                    |                  |                  |                      |                            |                            |                  |
| RCRA NonGen / NLR<br>DOT OPS<br>DOD                      | 0.250<br>TP<br>1.000                      |                    | 0<br>NR<br>0     | 0<br>NR<br>0     | NR<br>NR<br>0        | NR<br>NR<br>0              | NR<br>NR<br>NR             | 0<br>0<br>0      |

# **MAP FINDINGS SUMMARY**

| Database   | Search<br>Distance<br>(Miles)  | Target<br>Property | < 1/8                               | 1/8 - 1/4   | 1/4 - 1/2                              | 1/2 - 1                                | > 1            | Total<br>Plotted |
|--|--|--------------------|-------------------------------------|---|--|--|----------------|------------------|
| FUDS CONSENT ROD UMTRA US MINES TRIS TSCA FTTS HIST FTTS SSTS ICIS PADS MLTS RADINFO FINDS RAATS RMP UIC DRYCLEANERS NPDES INDIAN RESERV SCRD DRYCLEANERS US AIRS PRP 2020 COR ACTION EPA WATCH LIST US FIN ASSUR PCB TRANSFORMER COAL ASH DOE COAL ASH DOE COAL ASH EPA Financial Assurance EDR HIGH RISK HISTORICA | 1.000 1.000 1.000 0.500 0.250 TP |                    | 000000RRRRRRRRRRRRRRRRRRROROORROROR | 00000 R R R R R R R R R R R R O R O O R R O R O R O R R O | 00000RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR | 000 RR R R R R R R R R R R R R R R R R |                |                  |
| EDR MGP<br>EDR US Hist Auto Stat<br>EDR US Hist Cleaners   | 1.000<br>0.250<br>0.250  |                    | 0<br>0<br>0                         | 0<br>0<br>0   | 0<br>NR<br>NR                          | 0<br>NR<br>NR                          | NR<br>NR<br>NR | 0<br>0<br>0      |

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

| Map ID    |      | MAP FINDINGS |             |               |
|-----------|------|--------------|-------------|---------------|
| Direction |      |              |             |               |
| Distance  |      |              |             | EDR ID Number |
| Elevation | Site |              | Database(s) | EPA ID Number |

NO SITES FOUND

ORPHAN SUMMARY

| City              | EDR ID     | Site Name                      | Site Address           | Zip   | Database(s)              |
|-------------------|------------|--------------------------------|------------------------|-------|--------------------------|
| BISCOE            | 1010786606 | METAL RECYCLING SERVICES LLC   | 1563RD & W HWY 24      | 27209 | RCRA-CESQG               |
| BISCOE            | 1010565420 | D H GRIFFIN                    | 1563RD & W HWY 24      | 27209 | RCRA NonGen / NLR        |
| BISCOE            | U001199322 | MYRICK CONST. INC.             | HWY 220 N              | 27209 | UST                      |
| BISCOE            | U001200410 | MIDWAY SUPER MARKET            | 1 HWY 220              | 27209 | UST                      |
| BISCOE            | U003562840 | RED'S AUTO SERVICE             | 27 HWY 24              | 27209 | UST                      |
| BISCOE            | U001205856 | EAST MONTGOMERY MIDDLE SCHOOL  | 1834 S US 220 ALT HWY  | 27209 | UST                      |
| CANDOR            | U000820342 | JAMES W PARSONS                | RT 1                   | 27229 | UST                      |
| CANDOR            | U001200334 | ED'S GROCERY                   | RT 2                   | 27229 | UST                      |
| CANDOR            | 1007713693 | CANDOR HOSIERY - CANDOR        | 602 HIGHWAY 211 EAST   | 27229 | FINDS                    |
| CANDOR            | U001199803 | PERDUE FARMS                   | RT 211                 | 27229 | UST                      |
| CANDOR            | 1006809329 | LEE PAVING COMPANY SITE        | HWY 220                | 27229 | RCRA NonGen / NLR, FINDS |
| CANDOR            | 1005540949 | APAC ATLANTIC INC - CANDOR SAN | HWY 220 S              | 27229 | FINDS                    |
| CANDOR            | U001199301 | BILL REYNOLDS TEXACO           | HWY 220 S              | 27229 | UST                      |
| CANDOR            | U001199290 | MCCALLUM PLUMBING & SUPPLY     | HWY 220 N              | 27229 | UST                      |
| CANDOR            | U003145466 | BIG R. TRUCK STOP              | HWY 220 N              | 27229 | UST                      |
| CANDOR            | U001199199 | RALPH CHAPPELL'S GROCERY       | HWY 731 W              | 27229 | UST                      |
| CANDOR            | 1007725508 | CANDOR HATCHERY                | P.O. BOX 657           | 27229 | FINDS                    |
| CANDOR            | 1007714275 | CANDOR CREEK INVESTMENTS LLC   | 468 E MAINT ST         | 27229 | FINDS, US AIRS           |
| CANDOR            | 1007713789 | CANDOR, TOWN OF                | 214 SOUTH MANIN STREET | 27229 | FINDS                    |
| CANDOR            | 1012289944 | CANDOR WWTP                    | NCSR 1511              | 27229 | FINDS                    |
| CANDOR            | U001199612 | TOWN OF CANDOR                 | SCHOOL ST              | 27229 | UST                      |
| CANDOR            | 1007703876 | TOWN OF CANDOR                 | SCHOOL STREET          | 27229 | FINDS                    |
| CANDOR            | 1007720176 | CANDOR WWTP TOWN OF            | STATE ROAD 1511        | 27229 | FINDS                    |
| CORDOVA           | S101572059 | BURLINGTON INDUSTRIES          | OLD CORDOVA HWY        | 27229 | IMD, LUST                |
| EAGLE SPRINGS     | U003562815 | MACK CHAPPELL                  | HWY 211                | 27242 | UST                      |
| EAGLE SPRINGS     | U001200345 | HAROLD BLUE                    | HWY 211                | 27242 | UST                      |
| EAGLE SPRINGS     | U001200487 | BREWER'S GRILL                 | HWY 211                | 27242 | UST                      |
| EAGLE SPRINGS     | U001199351 | (OLD) SPENCER GROCERY          | HWY 211                | 27242 | UST                      |
| MONTGOMERY COUNTY | S110365995 | ALCOA SHOOTING RANGE           | TUCKERTOWN RD          |       | SHWS                     |

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

### STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 02/01/2013 Source: EPA
Date Data Arrived at EDR: 03/01/2013 Telephone: N/A

Number of Days to Update: 12 Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 02/01/2013 Source: EPA
Date Data Arrived at EDR: 03/01/2013 Telephone: N/A

Number of Days to Update: 12 Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

#### Federal Delisted NPL site list

**DELISTED NPL: National Priority List Deletions** 

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 03/13/2013

Name to a f Days to Hardate 40

Number of Days to Update: 12

Source: EPA Telephone: N/A

Last EDR Contact: 03/01/2013

Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

#### Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/04/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 12

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 03/01/2013

Next Scheduled EDR Contact: 06/10/2013 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 10/09/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 72

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 01/11/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Varies

#### Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/05/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 12

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 01/04/2013

Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

### Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/21/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 6

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 02/08/2013

Next Scheduled EDR Contact: 05/27/2013 Data Release Frequency: Quarterly

#### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 02/15/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

#### Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 02/15/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013 Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 02/15/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 02/15/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

### Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/19/2012 Date Data Arrived at EDR: 12/26/2012 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 03/11/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/19/2012 Date Data Arrived at EDR: 12/26/2012 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 03/11/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 02/18/2013

Next Scheduled EDR Contact: 06/03/2013 Data Release Frequency: Varies

### Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 01/17/2013 Date Made Active in Reports: 02/15/2013

Number of Days to Update: 29

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 01/17/2013

Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

### State- and tribal - equivalent NPL

HSDS: Hazardous Substance Disposal Site

Locations of uncontrolled and unregulated hazardous waste sites. The file includes sites on the National Priority List as well as those on the state priority list.

Date of Government Version: 08/09/2011 Date Data Arrived at EDR: 11/08/2011 Date Made Active in Reports: 12/05/2011

Number of Days to Update: 27

Source: North Carolina Center for Geographic Information and Analysis

Telephone: 919-754-6580 Last EDR Contact: 02/04/2013

Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Biennially

State- and tribal - equivalent CERCLIS

#### SHWS: Inactive Hazardous Sites Inventory

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 12/28/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/01/2013

Number of Days to Update: 29

Source: Department of Environment, Health and Natural Resources

Telephone: 919-508-8400 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

#### State and tribal landfill and/or solid waste disposal site lists

#### SWF/LF: List of Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/25/2012 Date Data Arrived at EDR: 09/27/2012 Date Made Active in Reports: 10/26/2012

Number of Days to Update: 29

Source: Department of Environment and Natural Resources

Telephone: 919-733-0692 Last EDR Contact: 01/21/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Semi-Annually

### OLI: Old Landfill Inventory

Old landfill inventory location information. (Does not include no further action sites and other agency lead sites).

Date of Government Version: 01/16/2013 Date Data Arrived at EDR: 01/22/2013 Date Made Active in Reports: 02/04/2013

Number of Days to Update: 13

Source: Department of Environment & Natural Resources

Telephone: 919-733-4996 Last EDR Contact: 01/17/2013

Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

### State and tribal leaking storage tank lists

#### LUST: Regional UST Database

This database contains information obtained from the Regional Offices. It provides a more detailed explanation of current and historic activity for individual sites, as well as what was previously found in the Incident Management Database. Sites in this database with Incident Numbers are considered LUSTs.

Date of Government Version: 11/09/2012 Date Data Arrived at EDR: 11/14/2012 Date Made Active in Reports: 12/27/2012

Number of Days to Update: 43

Source: Department of Environment and Natural Resources

Telephone: 919-733-1308 Last EDR Contact: 02/13/2013

Next Scheduled EDR Contact: 05/27/2013
Data Release Frequency: Quarterly

### LUST TRUST: State Trust Fund Database

This database contains information about claims against the State Trust Funds for reimbursements for expenses incurred while remediating Leaking USTs.

Date of Government Version: 01/11/2013 Date Data Arrived at EDR: 01/15/2013 Date Made Active in Reports: 02/06/2013

Number of Days to Update: 22

Source: Department of Environment and Natural Resources

Telephone: 919-733-1315 Last EDR Contact: 10/17/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Semi-Annually

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank site locations.

Date of Government Version: 11/09/2012 Date Data Arrived at EDR: 11/14/2012 Date Made Active in Reports: 12/27/2012

Number of Days to Update: 43

Source: Department of Environment & Natural Resources

Telephone: 877-623-6748 Last EDR Contact: 02/13/2013

Next Scheduled EDR Contact: 05/27/2013 Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/07/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011 Date Data Arrived at EDR: 09/13/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 59

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 26

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012 Date Data Arrived at EDR: 05/09/2012 Date Made Active in Reports: 07/10/2012

Number of Days to Update: 62

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 02/01/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 08/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 75

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 10/30/2012

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Quarterly

#### State and tribal registered storage tank lists

#### UST: Petroleum Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 11/09/2012 Date Data Arrived at EDR: 11/14/2012 Date Made Active in Reports: 12/27/2012

Number of Days to Update: 43

Source: Department of Environment and Natural Resources

Telephone: 919-733-1308 Last EDR Contact: 02/13/2013

Next Scheduled EDR Contact: 05/27/2013 Data Release Frequency: Quarterly

#### AST: AST Database

Facilities with aboveground storage tanks that have a capacity greater than 21,000 gallons.

Date of Government Version: 12/18/2012 Date Data Arrived at EDR: 12/20/2012 Date Made Active in Reports: 02/01/2013

Number of Days to Update: 43

Source: Department of Environment and Natural Resources

Telephone: 919-715-6183 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Semi-Annually

#### INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011 Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Semi-Annually

#### INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

#### INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/07/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 39

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012 Date Data Arrived at EDR: 05/02/2012 Date Made Active in Reports: 07/16/2012

Number of Days to Update: 75

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 02/01/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 26

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012 Date Data Arrived at EDR: 08/03/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 94

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 08/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 75

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA Telephone: 202-646-5797

Last EDR Contact: 01/14/2013 Next Scheduled EDR Contact: 04/29/2013

Data Release Frequency: Varies

### State and tribal institutional control / engineering control registries

INST CONTROL: No Further Action Sites With Land Use Restrictions Monitoring

A land use restricted site is a property where there are limits or requirements on future use of the property due to varying levels of cleanup possible, practical, or necessary at the site.

Date of Government Version: 12/28/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/01/2013

Number of Days to Update: 29

Source: Department of Environment, Health and Natural Resources

Telephone: 919-508-8400 Last EDR Contact: 12/17/2110

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

#### State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012 Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 14

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 01/04/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

VCP: Responsible Party Voluntary Action Sites

Responsible Party Voluntary Action site locations.

Date of Government Version: 12/28/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/01/2013

Number of Days to Update: 29

Source: Department of Environment and Natural Resources

Telephone: 919-508-8400 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Semi-Annually

#### State and tribal Brownfields sites

BROWNFIELDS: Brownfields Projects Inventory

A brownfield site is an abandoned, idled, or underused property where the threat of environmental contamination has hindered its redevelopment. All of the sites in the inventory are working toward a brownfield agreement for cleanup and liabitly control.

Date of Government Version: 09/30/2010 Date Data Arrived at EDR: 04/15/2011 Date Made Active in Reports: 05/04/2011

Number of Days to Update: 19

Source: Department of Environment and Natural Resources

Telephone: 919-733-4996 Last EDR Contact: 01/11/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Varies

### ADDITIONAL ENVIRONMENTAL RECORDS

### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012 Date Data Arrived at EDR: 12/11/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 9

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 02/14/2013

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Semi-Annually

#### Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004

Source: Environmental Protection Agency

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: No Update Planned

HIST LF: Solid Waste Facility Listing A listing of solid waste facilities.

> Date of Government Version: 11/06/2006 Date Data Arrived at EDR: 02/13/2007 Date Made Active in Reports: 03/02/2007

Number of Days to Update: 17

Source: Department of Environment & Natural Resources

Telephone: 919-733-0692 Last EDR Contact: 01/19/2009

Next Scheduled EDR Contact: 04/19/2009 Data Release Frequency: Quarterly

SWRCY: Recycling Center Listing A listing of recycling center locations.

> Date of Government Version: 08/06/2012 Date Data Arrived at EDR: 08/08/2012 Date Made Active in Reports: 09/13/2012

Number of Days to Update: 36

Source: Department of Environment & Natural Resources

Telephone: 919-707-8137 Last EDR Contact: 02/12/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 02/05/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Varies

### Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 11/14/2012 Date Data Arrived at EDR: 12/11/2012 Date Made Active in Reports: 02/15/2013

Number of Days to Update: 66

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/04/2013

Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Quarterly

#### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009

Next Scheduled EDR Contact: 06/22/2009

Data Release Frequency: No Update Planned

### Local Land Records

#### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012 Date Data Arrived at EDR: 03/26/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 80

Source: Environmental Protection Agency Telephone: 202-564-6023

Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

### Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 55

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

IMD: Incident Management Database

Groundwater and/or soil contamination incidents

Date of Government Version: 07/21/2006 Date Data Arrived at EDR: 08/01/2006 Date Made Active in Reports: 08/23/2006

Number of Days to Update: 22

Source: Department of Environment and Natural Resources

Telephone: 919-733-3221 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

### Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 02/15/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 02/05/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 01/17/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 15

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 03/11/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 01/15/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/02/2012 Date Data Arrived at EDR: 12/11/2012 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 92

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 03/13/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/07/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 02/25/2013

Next Scheduled EDR Contact: 06/10/2013 Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 09/08/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 03/06/2013

Next Scheduled EDR Contact: 06/17/2013 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012

Number of Days to Update: 131

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 02/26/2013

Next Scheduled EDR Contact: 06/10/2013 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 02/25/2013

Next Scheduled EDR Contact: 06/10/2013 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 02/25/2013

Next Scheduled EDR Contact: 06/10/2013 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008

Data Release Frequency: No Update Planned

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011 Date Data Arrived at EDR: 11/10/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 01/17/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Quarterly

#### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010 Date Data Arrived at EDR: 11/10/2010 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 98

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 01/16/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Annually

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011 Date Data Arrived at EDR: 07/15/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 60

Source: Nuclear Regulatory Commission Telephone: 301-415-7169

Last EDR Contact: 03/11/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Quarterly

#### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2012 Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 01/09/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Quarterly

#### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011 Date Data Arrived at EDR: 12/13/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 79

Source: EPA

Telephone: (404) 562-9900 Last EDR Contact: 03/12/2013

Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Quarterly

#### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008

Data Release Frequency: No Update Planned

### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012 Date Data Arrived at EDR: 05/25/2012 Date Made Active in Reports: 07/10/2012

Number of Days to Update: 46

Source: Environmental Protection Agency Telephone: 202-564-8600

Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 02/26/2013

Next Scheduled EDR Contact: 06/10/2013 Data Release Frequency: Biennially

UIC: Underground Injection Wells Listing

A listing of uncerground injection wells locations.

Date of Government Version: 11/13/2012 Date Data Arrived at EDR: 11/14/2012 Date Made Active in Reports: 12/27/2012

Number of Days to Update: 43

Source: Department of Environment & Natural Resources

Telephone: 919-807-6412 Last EDR Contact: 02/11/2013

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Sites

Potential and known drycleaning sites, active and abandoned, that the Drycleaning Solvent Cleanup Program has knowledge of and entered into this database.

Date of Government Version: 09/12/2012 Date Data Arrived at EDR: 09/25/2012 Date Made Active in Reports: 10/25/2012

Number of Days to Update: 30

Source: Department of Environment & Natural Resources

Telephone: 919-508-8400 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Varies

NPDES: NPDES Facility Location Listing

General information regarding NPDES(National Pollutant Discharge Elimination System) permits.

Date of Government Version: 05/12/2011 Date Data Arrived at EDR: 05/13/2011 Date Made Active in Reports: 06/16/2011

Number of Days to Update: 34

Source: Department of Environment & Natural Resources

Telephone: 919-733-7015 Last EDR Contact: 02/07/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 01/17/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 01/21/2013

Next Scheduled EDR Contact: 05/06/2013 Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 11/15/2012 Date Data Arrived at EDR: 11/16/2012 Date Made Active in Reports: 02/15/2013

Number of Days to Update: 91

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/02/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 69

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005

Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 01/17/2013

Next Scheduled EDR Contact: 04/29/2013

Data Release Frequency: N/A

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 11/15/2012 Date Data Arrived at EDR: 11/16/2012 Date Made Active in Reports: 02/15/2013

Number of Days to Update: 91

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011 Date Data Arrived at EDR: 05/18/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 02/15/2013

Next Scheduled EDR Contact: 05/27/2013 Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information

Hazardous waste financial assurance information.

Date of Government Version: 09/30/2012 Date Data Arrived at EDR: 10/19/2012 Date Made Active in Reports: 11/29/2012

Number of Days to Update: 41

Source: Department of Environment & Natural Resources

Telephone: 919-707-8222 Last EDR Contact: 12/13/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/13/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 36

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 02/12/2013

Next Scheduled EDR Contact: 05/27/2013 Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 11/20/2012 Date Data Arrived at EDR: 11/30/2012 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 89

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 02/19/2013

Next Scheduled EDR Contact: 06/03/2013 Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 02/01/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal combustion products distribution permits issued by the Division for the treatment, storage, transportation, use and disposal of coal combustion products.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 08/04/2009 Date Made Active in Reports: 08/17/2009

Number of Days to Update: 13

Source: Department of Environment & Natural Resources

Telephone: 919-807-6359 Last EDR Contact: 02/04/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 01/15/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/02/2012 Date Data Arrived at EDR: 10/03/2012 Date Made Active in Reports: 10/26/2012

Number of Days to Update: 23

Source: Department of Environmental & Natural Resources

Telephone: 919-508-8496 Last EDR Contact: 01/02/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 03/15/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 09/23/2011 Date Data Arrived at EDR: 10/06/2011 Date Made Active in Reports: 11/01/2011

Number of Days to Update: 26

Source: Department of Environment & Natural Resources

Telephone: 919-733-1322 Last EDR Contact: 02/13/2013

Next Scheduled EDR Contact: 05/27/2013 Data Release Frequency: Quarterly

#### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

### EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

### EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/19/2012 Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/19/2012 Telephone: 860-424-3375
Date Made Active in Reports: 01/03/2013 Last EDR Contact: 02/18/2013

Number of Days to Update: 45

Last EDR Contact: 02/18/2013 Next Scheduled EDR Contact: 06/03/2013 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 08/28/2012

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 01/15/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

facility.

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 02/07/2013 Date Made Active in Reports: 03/15/2013

Number of Days to Update: 36

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 02/07/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/23/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 57

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 01/21/2013

Next Scheduled EDR Contact: 05/06/2013 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 06/22/2012 Date Made Active in Reports: 07/31/2012

Number of Days to Update: 39

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 02/25/2013

Next Scheduled EDR Contact: 06/10/2013 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 09/27/2012

Number of Days to Update: 70

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/13/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

**Public Schools** 

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facility List

Source: Department of Health & Human Services

Telephone: 919-662-4499

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

#### **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environment & Natural Resources

Telephone: 919-733-2090

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image

is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

#### STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

#### GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

#### **TARGET PROPERTY ADDRESS**

CANDOR SITE 744-733 NC HWY 211 E BISCOE, NC 27209

#### TARGET PROPERTY COORDINATES

Latitude (North): 35.3024 - 35° 18' 8.64" Longitude (West): 79.715 - 79° 42' 54.00"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 616831.4 UTM Y (Meters): 3907137.8

Elevation: 690 ft. above sea level

#### **USGS TOPOGRAPHIC MAP**

Target Property Map: 35079-C6 CANDOR, NC

Most Recent Revision: 1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

#### **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

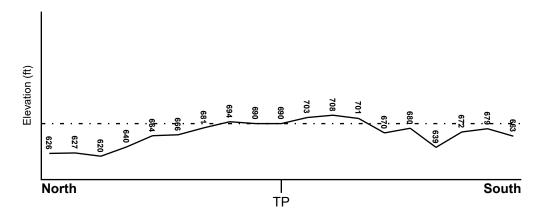
#### **TOPOGRAPHIC INFORMATION**

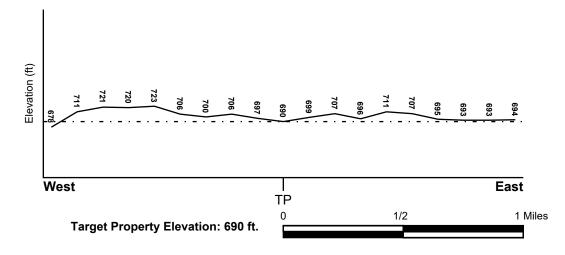
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

#### **HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE** 

Target Property County FEMA Flood
Electronic Data

MONTGOMERY, NC YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 37123C - FEMA DFIRM Flood data

Additional Panels in search area: 37125C - FEMA DFIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

CANDOR YES - refer to the Overview Map and Detail Map

#### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

LOCATION GENERAL DIRECTION
MAP ID FROM TP GROUNDWATER FLOW

Not Reported

#### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

#### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

#### **GEOLOGIC AGE IDENTIFICATION**

Era: Mesozoic Category: Stratified Sequence

System: Cretaceous

Series: Woodbine and Tuscaloosa Groups
Code: uK1 (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

#### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: CANDOR

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low

water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

|          | Soil Layer Information |           |                    |   |  |                              |                        |
|----------|------------------------|-----------|--------------------|---|--|------------------------------|------------------------|
| Boundary |                        |           |                    | Classi  | fication   |                              |                        |
| Layer    | Upper                  | Lower     | Soil Texture Class | AASHTO Group  | Unified Soil   | Permeability<br>Rate (in/hr) | Soil Reaction (pH)     |
| 1        | 0 inches               | 21 inches | sand               | Granular<br>materials (35<br>pct. or less<br>passing No.<br>200), Silty, or<br>Clayey Gravel<br>and Sand. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand.  | Max: 20.00<br>Min: 6.00      | Max: 6.00<br>Min: 3.60 |
| 2        | 21 inches              | 34 inches | loamy sand         | Granular<br>materials (35<br>pct. or less<br>passing No.<br>200), Silty, or<br>Clayey Gravel<br>and Sand. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand.  | Max: 20.00<br>Min: 6.00      | Max: 5.50<br>Min: 3.60 |
| 3        | 34 inches              | 56 inches | sand               | Granular<br>materials (35<br>pct. or less<br>passing No.<br>200), Silty, or<br>Clayey Gravel<br>and Sand. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Silty Sand.  | Max: 20.00<br>Min: 6.00      | Max: 5.50<br>Min: 3.60 |
| 4        | 56 inches              | 72 inches | sandy loam         | Granular<br>materials (35<br>pct. or less<br>passing No.<br>200), Silty, or<br>Clayey Gravel<br>and Sand. | COARSE-GRAINED<br>SOILS, Sands,<br>Sands with fines,<br>Clayey sand. | Max: 2.00<br>Min: 0.60       | Max: 5.50<br>Min: 3.60 |
| 5        | 72 inches              | 80 inches | variable           | Not reported  | Not reported   | Max: 0.00<br>Min: 0.00       | Max: 0.00<br>Min: 0.00 |

#### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loamy sand

loam sandy loam

Surficial Soil Types: loamy sand

loam sandy loam

Shallow Soil Types: sand

sandy loam sandy clay sandy clay loam

Deeper Soil Types: sand

stratified

sandy clay loam

#### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

#### WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

LOCATION

MAP ID WELL ID FROM TP

No Wells Found

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

LOCATION MAP ID WELL ID FROM TP

1 NC0362568 1/4 - 1/2 Mile WSW

Note: PWS System location is not always the same as well location.

#### STATE DATABASE WELL INFORMATION

LOCATION MAP ID WELL ID FROM TP

No Wells Found

#### OTHER STATE DATABASE INFORMATION

#### NORTH CAROLINA NATURAL HERITAGE ELEMENT OCCURRENCES

D Class

NC50002213 Animal

#### NORTH CAROLINA SIGNIFICANT NATURAL HERITAGE AREAS DATABASE:

ID Name

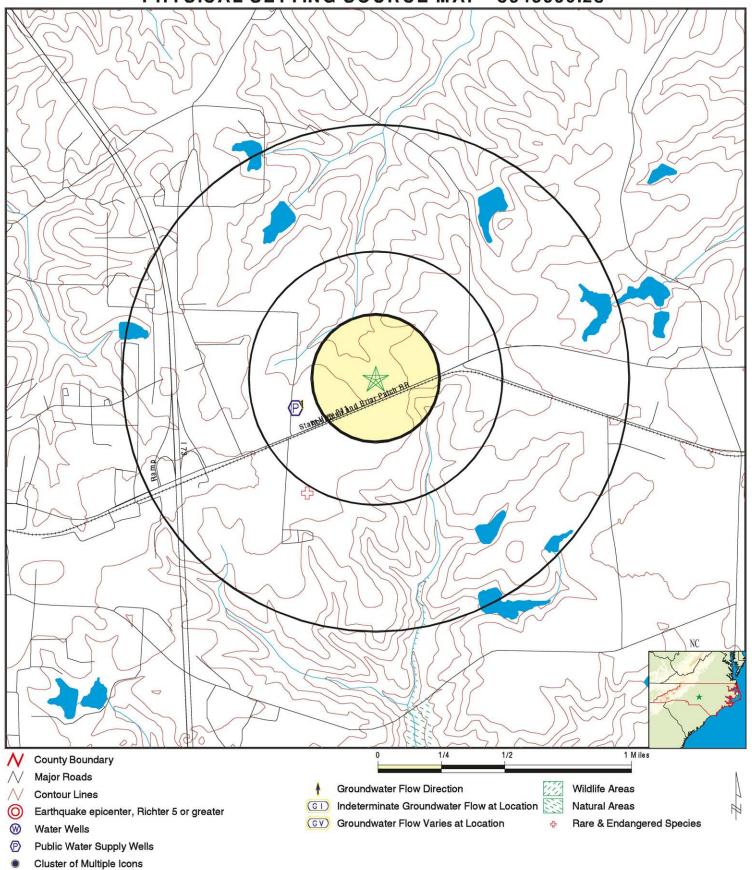
NC10002160 CANDOR LAKE SLOPES AND WETLAND

### NORTH CAROLINA SIGNIFICANT NATURAL HERITAGE AREAS DATABASE:

ID Name

NC10002616 CANDOR LAKE SLOPES AND WETLAND NC10003357 DROWNING CREEK AQUATIC HABITAT

# PHYSICAL SETTING SOURCE MAP - 3545550.2s



SITE NAME: Candor Site ADDRESS:

744-733 NC HWY 211 E Biscoe NC 27209 LAT/LONG: 35.3024 / 79.715

CLIENT: CONTACT: Geoscience Group Thomas Hassett INQUIRY #: 3545550.2s

DATE: March 15, 2013 12:26 pm

#### **GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance

Elevation Database EDR ID Number

1 WSW FRDS PWS NC0362568

1/4 - 1/2 Mile Higher

PWS ID: NC0362568

Date Initiated: 8304 Date Deactivated: Not Reported

PWS Name: CANDOR FARMERS MARKET

CANDOR, NC 27229

Addressee / Facility: System Owner/Responsible Party

JOHN THOMPSON OR MANAGER NOW

BOX 220 SCHOOL ST CANDOR, NC 27229

Addressee / Facility: System Owner/Responsible Party

JOHN THOMPSON BOX 220 SCHOOL ST CANDOR, NC 27229

Facility Latitude: 35 18 02 Facility Longitude: 079 43 15

City Served: CANDOR

Treatment Class: Untreated Population: 00000050

Violations information not reported.

#### **GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance

Distance Database EDR ID Number

NC\_NHEO NC50002213

GIS ID: 41249
Classification by Type: Animal
Occurrence Status: Extant

NC\_SNHA NC10002160

Site Name: CANDOR LAKE SLOPES AND WETLAND

Quality: Not Reported

Acres per Polygon: 19.64

NC\_SNHA NC10002616

Site Name: CANDOR LAKE SLOPES AND WETLAND

Quality: Not Reported

Acres per Polygon: 8.58

NC\_SNHA NC10003357

Site Name: DROWNING CREEK AQUATIC HABITAT

Quality: Not Reported Acres per Polygon: 115.5

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

#### AREA RADON INFORMATION

Federal EPA Radon Zone for MONTGOMERY County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for MONTGOMERY COUNTY, NC

Number of sites tested: 3

| Area                    | Average Activity | % <4 pCi/L   | % 4-20 pCi/L | % >20 pCi/L  |
|-------------------------|------------------|--------------|--------------|--------------|
| Living Area - 1st Floor | 0.867 pCi/L      | 100%         | 0%           | 0%           |
| Living Area - 2nd Floor | Not Reported     | Not Reported | Not Reported | Not Reported |
| Basement                | Not Reported     | Not Reported | Not Reported | Not Reported |

#### PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environment & Natural Resources

Telephone: 919-733-2090

#### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

#### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

#### PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

North Carolina Public Water Supply Wells Source: Department of Environmental Health

Telephone: 919-715-3243

#### OTHER STATE DATABASE INFORMATION

NC Natural Areas: Significant Natural Heritage Areas Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A polygon converage identifying sites (terrestrial or aquatic that have particular biodiversity significance. A site's significance may be due to the presenceof rare species, rare or hight quality natural communities, or other important ecological features.

NC Game Lands: Wildlife Resources Commission Game Lands Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

All publicly owned game lands managed by the North Carolina Wildlife Resources Commission and as listed in Hunting and Fishing Maps.

NC Natural Heritage Sites: Natural Heritage Element Occurrence Sites

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A point coverage identifying locations of rare and endangered species, occurrences of exemplary or unique natural ecosystems (terrestrial or aquatic), and special animal habitats (e.g., colonial waterbird nesting sites).

#### **RADON**

State Database: NC Radon

Source: Department of Environment & Natural Resources

Telephone: 919-733-4984

Radon Statistical and Non Statiscal Data

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

#### PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

#### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

#### STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

# APPENDIX V

User Questionnaire
Environmental Questionnaire

# USER QUESTIONNAIRE Candor Site Candor, North Carolina

| Momas (Hassit Pricet Creinees (based on informatile and Signature of Person Completing Questionnaire privided by Mr. Dal Stewart, P.E. w Land Date  |
|---|
| Please provide an answer to each question or attach pertinent information and identify a number for each attachment.  |
| (1.) Are you aware of any environmental cleanup liens against the <i>property</i> that are filed or recorded under federal, tribal, state or local law?   |
| No  |
|   |
| (2.) Are you aware of any Activity and Use Limitations (AULs), such as engineering controls (e.g. engineered caps, foundations, liners, treatment methods, etc. in use to prevent contamination from migrating to surrounding areas), land use restrictions or institutional controls (e.g. administrative measures restricting groundwater use, construction, or property use) that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? |
| No Yes (Describe or attach information) Attachment No.  Located within NCDENE water Supply  Water Stad Classification   |
| (3.) Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?  |
| No ☐ Yes (Describe or attach information) Attachment No   |
|   |

# USER QUESTIONNAIRE (Continued) Candor Site Candor, North Carolina

| (4.) Does to<br>the property |                   | being paid for this j                    | ргорену геа   | sonably reflec | ct the fair ma | rket value of     |
|------------------------------|-------------------|--|---------------|----------------|----------------|-------------------|
| □ No                         | Yes (Des          | scribe or attach info                    | rmation)      | Attachment     | No             | 5                 |
|                              |                   | a difference, have y                     |               |                |                | hase price is     |
| □ No                         | ☐ Yes (De         |  |               | Attachment     |                | _                 |
| that would                   |                   | only known or reaso                      | onably ascer  | tainable infor | mation about   |                   |
| (a.) Do you                  | know the past us  | es of the property?                      |               |                |                |                   |
| Mobile                       | Home Ma           | scribe or attach info                    | rmation)      | Attachment     | No             | /<br><del>-</del> |
|                              |                   | chemicals that are                       |               |                |                |                   |
| No                           | ☐ Yes (De         | scribe or attach info                    | rmation)      | Attachment     | No             |                   |
| (c.) Do you                  | know of spills or | other chemical rele                      | ases that ha  | ve taken place | e at the prope | rty?              |
| No                           | ☐ Yes (De         | scribe or attach info                    | rmation)      | Attachment     | No             | •                 |
| (d.) Do you                  | know of any env   | ironmental cleanups                      | s that have t | aken place at  | the property   | -<br>?            |
| <b>№</b> 0No                 | ☐ Yes (De         | scribe or attach info                    | rmation)      | Attachment     | No             | 5                 |
| there any of property?       | vious indicators  | , based on your knot that point to the p | resence or 1  | ikely presend  | e of contam    | ination at the    |
| DONO                         | ∐ Yes (De         | scribe or attach info                    | rmation)      | Attachment     | No             | -<br>-            |
|                              |                   |  |               |                |                |                   |

## GEOSCIENCE GROUP, INC.

# Environmental Questionnaire (to be completed by current property owner)

### Site Name: Candor Site, Candor, North Carolina

| 1. Is the property or any adjoining 1  | property used for an industrial us  | e?  |
|--|-------------------------------------|---|
| If Yes, please explain: Mobile   | Home Manufac                        | - Luring (formerly)   |
| 2. To the best of your knowledge, h  |                                     | property been used for an industrial use in the past  |
| If Yes, please explain: See A  | bore no adjoin                      | in Feed Mills   |
| 3. Is the property or any adjoining p  | property used as a gasoline station | () n, motor repair facility, commercial printing facility a waste treatment, storage, disposal, processing, or                              |
| YES<br>If Yes, please explain:   | NO                                  | UNKNOWN   |
|  | y, dry cleaners, photo developing   | erty been used as a gasoline station, motor repair<br>laboratory, junkyard or landfill, or as a waste                                       |
| YES If Yes, please explain:  | NO                                  | UNKNOWN   |
| automotive or industrial batteries, or   | r pesticides, paint, or other chemi | een previously, any damaged or discarded icals in individual containers of greater then 5 of on or used at the property or at the facility? |
| YES If Yes, please explain:  | NO                                  | UNKNOWN   |
| 6. Are there currently, or to the best<br>gallons (208L)) or sacks of chemica  |                                     | een previously, any industrial drums (typically 55 te facility?   |
| YES If Yes, please explain:  | МО                                  | UNKNOWN   |
| 7. Has fill dirt been brought onto th  | e property that originated from a   | contaminated site or that is of an unknown origin?  |
| YES If Yes, please explain:  | NO                                  | UNKNOWN   |
| 3. Are there currently, or to the best<br>on the property in connection with v |                                     | een previously, any pits, ponds, or lagoons located?  |
| YES  f Yes, please explain:  | NO                                  | UNKNOWN   |

### GEOSCIENCE GROUP, INC.

# Environmental Questionnaire (to be completed by current property owner)

# Site Name: Candor Site, Candor, North Carolina

| 9. Is there currently, or to the best of  | your knowledge have there hav   | e been previously, any stained soil on the property?   |
|---|---------------------------------|--|
| YES If Yes, please explain:   | NO                              | UNKNOWN  |
| 10. Is there currently, or to the best of tanks (above or underground) located  |                                 | en previously, any registered or unregistered storage  |
| YES If Yes, please explain:   | NO                              | UNKNOWN  |
|   |                                 | seen previously, any vent pipes, fill pipes, or access<br>y or adjacent to any structure located on the  |
| YES If Yes, please explain:   | NO                              | UNKNOWN  |
| 12. Are there currently, or to the best of located within the facility that are stain                                 |                                 | peen previously, any flooring, drains, or walls ater or are emitting foul odors?                         |
| YES If Yes, please explain:   | NO                              | UNKNOWN  |
|   | cable to the water system or ha | stem, have contaminants been identified in the well as the well been designated as contaminated by any   |
| YES If Yes, please explain:   | NO                              | UNKNOWN  |
|   |                                 | of environmental liens or governmental notification spect to the property or any facility located on the |
| YES If Yes, please explain:   | NO                              | UNKNOWN  |
|   |                                 | past or current existence of hazardous substances or roperty or any facility located on the property?    |
| YES If Yes, please explain:   | NO                              | UNKNOWN  |
| 16. Does the owner or occupant of the property or facility that indicated the p the property or recommended further a | resence of hazardous substance  | of any environmental site assessment of the es or petroleum products on, or contamination of,            |
| YES If Yes, please explain:   | NO                              | UNKNOWN  |

#### GEOSCIENCE GROUP, INC.

# Environmental Questionnaire (to be completed by current property owner)

#### Site Name: Candor Site, Candor, North Carolina

17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?

| YES If Yes, please explain:  | NO                   | UNKNOWN  |
|--|----------------------|--|
| an compression of carrier control of the carr | n or adjacent to the | e property other than storm water into a sanitary sewer  |
| YES If Yes, please explain:  | NO                   | UNKNOWN  |
|  |                      | es or petroleum products, unidentified waste materials, als been dumped above grade, buried and/or burned on |
| YES If Yes, please explain:  | NO                   | UNKNOWN  |
| 20. Is there a transformer, capacitor, or any hy of PCBs?  | draulic equipment    | for which there are any records indicating the presence  |
| YES If Yes, please explain:  | NO                   | UNKNOWN  |
| 21. To the best of your knowledge, are there a   | ny cemeteries on th  | ne subject property?   |
| YES If Yes, please explain:  | NO                   | UNKNOWN  |
| Name Of Person Completing Questionnaire:  Title:  Firm:  Address:  |                      | t Engineer.  (based on information oridal by Mr. Dale Stewart Land Design)                                   |
| I represent that to the best of my knowledge the actual knowledge no material facts have been Signature  |                      | a and facts are true and correct and to the best of my tated.  3/12/13  Date                                 |

# **Record of Communication**

| Name: Mr. Ray Hudson Date: April 4, 2013 Time: 9:45  Company: S.T. Wooten Title: Partner  Geoscience spoke to Mr. Ray Hudson via telephone regarding the history of operations at he S.T. Wooten site the adjoins the property to the northeast. Mr. Hudson stated that the site had operated as a temporary asphalt plant, be that the facility had not operated as such for 10 to 12 years or possibly longer. Mr. Hudson further stated that sile for a mobile asphalt plant had been placed on the adjoining site a year or two ago, but that asphalt production is not resumed at the site.  Actions/Steps To Be Taken:  No additional actions are warranted. | Job Name: _                           | Candor Site                                      | Job Number:              | CH13.0027.EV                      |
|--|---------------------------------------|--|--------------------------|-----------------------------------|
| Geoscience spoke to Mr. Ray Hudson via telephone regarding the history of operations at he S.T. Wooten site th adjoins the property to the northeast. Mr. Hudson stated that the site had operated as a temporary asphalt plant, be that the facility had not operated as such for 10 to 12 years or possibly longer. Mr. Hudson further stated that sile for a mobile asphalt plant had been placed on the adjoining site a year or two ago, but that asphalt production had been placed on the adjoining site and the site.  Actions/Steps To Be Taken:  | Name:                                 | Mr. Ray Hudson                                   | Date: April              | 1, 2013 Time: 9:45                |
| adjoins the property to the northeast. Mr. Hudson stated that the site had operated as a temporary asphalt plant, be that the facility had not operated as such for 10 to 12 years or possibly longer. Mr. Hudson further stated that sile for a mobile asphalt plant had been placed on the adjoining site a year or two ago, but that asphalt production had resumed at the site.  Actions/Steps To Be Taken:  | Company: _                            | S.T. Wooten                                      | Title: Partner           | a                                 |
| that the facility had not operated as such for 10 to 12 years or possibly longer. Mr. Hudson further stated that sill for a mobile asphalt plant had been placed on the adjoining site a year or two ago, but that asphalt production had resumed at the site.  Actions/Steps To Be Taken:   |                                       |  |                          |                                   |
| for a mobile asphalt plant had been placed on the adjoining site a year or two ago, but that asphalt production had resumed at the site.  Actions/Steps To Be Taken:   | adjoins the pr                        | roperty to the northeast. Mr. Hudson stated that | at the site had operated | as a temporary asphalt plant, bu  |
| Actions/Steps To Be Taken:   |                                       |  |                          |                                   |
| Actions/Steps To Be Taken:   | for a mobile                          | asphalt plant had been placed on the adjoining   | site a year or two ago   | , but that asphalt production had |
| <del>-</del>   | not resumed a                         | at the site.                                     |                          |                                   |
| <del>-</del>   |                                       |  |                          | <del></del>                       |
| <del>-</del>   | -                                     |  |                          |                                   |
| <del>-</del>   | ·-                                    |  |                          |                                   |
| <del>-</del>   |                                       |  |                          |                                   |
| <del>-</del>   |                                       | 1.00   |                          |                                   |
| <del>-</del>   |                                       | * * **   | <u> </u>                 |                                   |
| <del>-</del>   | <u> </u>                              | · · · · · · · · · · · · · · · · · · ·            |                          | 18-18                             |
| <del>-</del>   | <del>-</del>                          |  | <del>*</del> •           |                                   |
| <del>-</del>   | <u> </u>                              |  |                          |                                   |
| <del>-</del>   |                                       |  | 1.70                     |                                   |
| <del>-</del>   |                                       |  |                          |                                   |
| <del>-</del>   | · · · · · · · · · · · · · · · · · · · | × × ·  |                          | 79-14-                            |
| <del>-</del>   |                                       |  |                          | -                                 |
| <del>-</del>   |                                       |  |                          |                                   |
| <del>-</del>   |                                       |  | <del></del>              |                                   |
| <del>-</del>   |                                       |  |                          |                                   |
| No additional actions are warranted.   |                                       |  |                          |                                   |
|  | No additional                         | actions are warranted.                           |                          |                                   |

# **Record of Communication**

| Job Name: Candor Site   | Job Number: CH13.0027.EV   |
|---|--|
| Name: Mr. Wayne Suanders  | Date: Various Time:  |
| Company: Town of Candor Fire Department   | Title: Chief   |
| Consider the manufact to make the Towns of Constant Pine D  | and the second of the second o |
| Geoscience attempted to reach the Town of Candor Fire Department has not responded to our request for information |  |
| Department has not responded to our request for information   | t (voice man).   |
|   |  |
|   |  |
|   |  |
| <u> </u>  |  |
|   |  |
|   |  |
|   |  |
|   | <del></del>  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
| And and Colored To De To-base   |  |
| Actions/Steps To Be Taken:  No additional actions are warranted.  |  |
| no auditional actions are waitanted.  |  |

# APPENDIX VI

Qualifications of Environmental Professionals

# Thomas C. Hassett, P.E. Project Engineer - Charlotte, NC

## SPECIAL QUALIFICATIONS & EXPERIENCE RELATED TO THIS ASSIGNMENT

Over sixteen (16) years experience in a wide variety of environmental, geotechnical, and construction materials engineering projects. Special training and experience in environmental investigations and construction material evaluations.

# GEOSCIENCE GROUP

#### **EDUCATION**

BS Studies in Mechanical Engineering McGill University, 1987 – 1991

Webb Institute Of Naval Architecture, 1985 - 1986

**Short Courses** 

Environmental Site Assessment Practices for Commercial Real Estate ASTM - Practice E 1527-05

**Evaluation Of Indoor Inhalation Pathway** 

National Environmental Health Association National Radon Proficiency Program Residential Radon Measurement

Health and Safety Training for Hazardous Waste Operations and Emergency Response (40 hours)

#### **EXPERIENCE**

2008 - Present: Project Engineer
Geoscience Group - Charlotte, NC
Manage site investigations, perform onsite

Manage site investigations, perform onsite inspections, and prepare reports for commercial and industrial clients. Work includes environmental investigations, segmental block retaining wall design, and construction and materials testing.

1997-2008: Project Manager

Geoscience Group - Charlotte, NC
Directed and conducted environmental
assessments and remediation projects for
industrial, commercial, and municipal
clients. Responsibilities also included
preparation of construction materials
testing reports and QA/QC testing for soil,
concrete, steel, asphalt and caissons.

1995-1997: Laboratory Manager

Geoscience Group - Charlotte, NC
Conducted laboratory tests and field
inspections for the selection and utilization
of construction materials including soils,
stone, concrete, asphalt, fasteners, and steel
in commercial construction applications.

1993-1995: Engineering Technician

Geoscience Group - Charlotte, NC
Responsibilities as a quality control
technician included field testing of soils,
stone, concrete, asphalt, fasteners, and steel
for a variety of construction projects.

1989: Laboratory Assistant

Army Corps Of Engineers – Hanover, NH Evaluated simulated sea ices used for scale model testing of ship hulls.

### PROFESSIONAL ENGINEERING REGISTRATIONS

North Carolina

#### PROFESSIONAL CERTIFICATIONS

National Environmental Health Association - Residential Radon Measurement Provider

#### SPECIAL QUALIFICATIONS & EXPERIENCE RELATED TO THIS ASSIGNMENT

Extensive education (PhD candidate) and over thirty (30) years experience and in a wide variety of geotechnical, environmental and construction materials engineering (GECME) projects. Special training and experience in advanced soil mechanics, environmental compliance issues and construction material evaluations.

# GEOSCIENCE GROUP

#### **EDUCATION**

PhD Studies in Soil Mechanics (minor in statistics) North Carolina State University, 1981-83 Master of Science in Geotechnical and Foundation Engineering George Washington University, 1981 Bachelor of Science in Civil Engineering Virginia Polytechnic Institute, 1978 Short Courses
Environmental Site Assessment
Practices for Commercial Real Estate
ASTM - Practice E 1527-94
Health and Safety Training for Hazardous
Waste Operations and Emergency
Response (40 hours)
Hazardous Waste Site Training for
Supervisors: Health, Safety and
Environmental Compliance (8 hours)

#### **EXPERIENCE**

1991 - Present: President/Chief Engineer Geoscience Group - Charlotte, NC
Provide overall company management and perform special senior consulting assignments in GECME.

1987-1991: Manager/Principal Engineer Trigon Engineering Consultants, Inc.-Charlotte, NC Managed office with 30 professional and technical personnel performing GECME including soils, concrete, asphalt and structural steel.

1985-1987 Senior Engineer
Trigon Engineering Consultants, Inc.Greensboro, NC
Senior consultant performing GECME and
Pressuremeter Testing Research

1983-1985: Senior Project Engineer STS Consultants, Ltd - Fairfax, VA. Provided recommended solutions and technical quality control for GECME projects; supervised field construction services and Pressuremeter Testing.

1981-1983: Teaching/Research Assistant GW University & NC State University As a PhD candidate helped develop an innovative technique to test the pumpability of stiff mortars.

1978-1981: Staff/Project Engineer
Schnabel Engineering Associates - Bethesda, MD
Staff engineer performing GECME with
substantial field supervision responsibilities.
Responsible for implementation and
interpretation of hundreds of
Pressuremeter Tests.

PROFESSIONAL ENGINEERING REGISTRATIONS NC, MD, DE, VA, DC, WV, SC, GA, TN, KY, AL

North Carolina Inactive Hazardous Site Branch Registered Site Manager

#### PROFESSIONAL AFFILIATIONS

ASCE, NSPE, British Geotechnical Society, International Society for Soil Mechanics and Foundation Engineering.

**Appendix G** 

**Public and Agency Coordination** 





#### Federal Railroad Administration

November 29, 2021

U.S. Army Corps of Engineers Raleigh Regulatory Field Office 331 Heritage Trade Drive Suite 105 Wake Forest, NC 27587

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

Mint Hill Storage Yard and Mint Hill Warehouse— This work will be completed on a property owned by ACWR in Mint Hill, Mecklenburg County, NC. The project will include construction of new storage track spurs and a warehouse on a 66-acre property located along Allen Station Road in Mecklenburg County (Parcel ID# 13715210). The parcel was formerly agricultural and woodland in a quickly developing area. Previous developed infrastructure on the property includes utilities, road grading and stormwater basins. Surrounding land uses comprise public facilities such as Rocky River High School and Hope Community Fellowship, along with commercial and medium-to-high density residential neighborhoods. All work will be completed on ACWR-owned land.

<u>Midland Siding</u> – This work will be completed along the existing rail line just west of Old Camden Road approximately 2 miles east of Midland, Cabarrus County, NC. The surrounding land is mainly wooded. The rail right-of-way in this location is approximately 120 feet wide with a bump out at the stream crossing to approximately 200 feet. The track is on fill through this section with a general clear zone of 50 feet.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

#### **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Andréa Martin

Senior Environmental Protection Specialist

**Federal Railroad Administration** 

onmental Prot specialist.





#### Federal Railroad Administration

November 29, 2021

U.S. Fish and Wildlife Service Asheville Ecological Services Field Office 160 Zillicoa Street Asheville, NC 28801-1082

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

Mint Hill Storage Yard and Mint Hill Warehouse— This work will be completed on a property owned by ACWR in Mint Hill, Mecklenburg County, NC. The project will include construction of new storage track spurs and a warehouse on a 66-acre property located along Allen Station Road in Mecklenburg County (Parcel ID# 13715210). The parcel was formerly agricultural and woodland in a quickly developing area. Previous developed infrastructure on the property includes utilities, road grading and stormwater basins. Surrounding land uses comprise public facilities such as Rocky River High School and Hope Community Fellowship, along with commercial and medium-to-high density residential neighborhoods. All work will be completed on ACWR-owned land.

<u>Midland Siding</u> – This work will be completed along the existing rail line just west of Old Camden Road approximately 2 miles east of Midland, Cabarrus County, NC. The surrounding land is mainly wooded. The rail right-of-way in this location is approximately 120 feet wide with a bump out at the stream crossing to approximately 200 feet. The track is on fill through this section with a general clear zone of 50 feet.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

#### **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Andréa Martin

Senior Environmental Protection Specialist

**Federal Railroad Administration** 





Federal Railroad Administration

November 29, 2021

U.S. Fish and Wildlife Service Raleigh Ecological Services Field Office P.O. Box 33726 Raleigh, NC 27636-3726

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

Mint Hill Storage Yard and Mint Hill Warehouse— This work will be completed on a property owned by ACWR in Mint Hill, Mecklenburg County, NC. The project will include construction of new storage track spurs and a warehouse on a 66-acre property located along Allen Station Road in Mecklenburg County (Parcel ID# 13715210). The parcel was formerly agricultural and woodland in a quickly developing area. Previous developed infrastructure on the property includes utilities, road grading and stormwater basins. Surrounding land uses comprise public facilities such as Rocky River High School and Hope Community Fellowship, along with commercial and medium-to-high density residential neighborhoods. All work will be completed on ACWR-owned land.

<u>Midland Siding</u> – This work will be completed along the existing rail line just west of Old Camden Road approximately 2 miles east of Midland, Cabarrus County, NC. The surrounding land is mainly wooded. The rail right-of-way in this location is approximately 120 feet wide with a bump out at the stream crossing to approximately 200 feet. The track is on fill through this section with a general clear zone of 50 feet.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

#### **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Andréa Martin

Senior Environmental Protection Specialist

**Federal Railroad Administration** 

onmental Prot Specialist.





#### Federal Railroad Administration

November 29, 2021

U.S. Environmental Protection Agency 3799 Hopson Road Research Triangle, NC 27709

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

Mint Hill Storage Yard and Mint Hill Warehouse— This work will be completed on a property owned by ACWR in Mint Hill, Mecklenburg County, NC. The project will include construction of new storage track spurs and a warehouse on a 66-acre property located along Allen Station Road in Mecklenburg County (Parcel ID# 13715210). The parcel was formerly agricultural and woodland in a quickly developing area. Previous developed infrastructure on the property includes utilities, road grading and stormwater basins. Surrounding land uses comprise public facilities such as Rocky River High School and Hope Community Fellowship, along with commercial and medium-to-high density residential neighborhoods. All work will be completed on ACWR-owned land.

<u>Midland Siding</u> – This work will be completed along the existing rail line just west of Old Camden Road approximately 2 miles east of Midland, Cabarrus County, NC. The surrounding land is mainly wooded.

The rail right-of-way in this location is approximately 120 feet wide with a bump out at the stream crossing to approximately 200 feet. The track is on fill through this section with a general clear zone of 50 feet.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

#### **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

CMari Senior Environmental Prot Specialist. Federal Railread Administration

Andréa Martin
Senior Environmental Protection Specialist
Federal Railroad Administration





#### Federal Railroad Administration

November 29, 2021

National Oceanic and Atmospheric Administration 999 Weather Bureau Road Greensboro, NC 2740

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

Mint Hill Storage Yard and Mint Hill Warehouse— This work will be completed on a property owned by ACWR in Mint Hill, Mecklenburg County, NC. The project will include construction of new storage track spurs and a warehouse on a 66-acre property located along Allen Station Road in Mecklenburg County (Parcel ID# 13715210). The parcel was formerly agricultural and woodland in a quickly developing area. Previous developed infrastructure on the property includes utilities, road grading and stormwater basins. Surrounding land uses comprise public facilities such as Rocky River High School and Hope Community Fellowship, along with commercial and medium-to-high density residential neighborhoods. All work will be completed on ACWR-owned land.

<u>Midland Siding</u> – This work will be completed along the existing rail line just west of Old Camden Road approximately 2 miles east of Midland, Cabarrus County, NC. The surrounding land is mainly wooded.

The rail right-of-way in this location is approximately 120 feet wide with a bump out at the stream crossing to approximately 200 feet. The track is on fill through this section with a general clear zone of 50 feet.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

# **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Commented Prot Specialist.
Federal Railrand Administration

Andréa Martin
Senior Environmental Protection Specialist
Federal Railroad Administration





November 29, 2021

Federal Emergency Management Agency Koger Center – Rutgers Building 3003 Chamblee-Tucker Road Atlanta, GA 30341

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

# **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Andréa Martin

Senior Environmental Protection Specialist

**Federal Railroad Administration** 

onmental Prot Specialist.





November 29, 2021

National Park Service Southeast Regional Office 75 Spring Street SW Suite 1130 Atlanta, GA 30303

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

#### **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Andréa Martin

Senior Environmental Protection Specialist

**Federal Railroad Administration** 





November 29, 2021

U.S. Department of Agriculture Natural Resources Conservation Service 4407 Bland Road Suite 117 Raleigh, NC 27609

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

# **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Andréa Martin

Senior Environmental Protection Specialist

**Federal Railroad Administration** 

ironmental Prot Specialist.





November 29, 2021

North Carolina Department of Natural and Cultural Resources 109 E. Jones Street Mail Service Center 4601 Raleigh, NC 27601

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

# **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Andréa Martin

Senior Environmental Protection Specialist

**Federal Railroad Administration** 





November 29, 2021

North Carolina Department of Transportation 1552 Mail Service Center Raleigh, NC 27699

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

# **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

Mint Hill Storage Yard and Mint Hill Warehouse— This work will be completed on a property owned by ACWR in Mint Hill, Mecklenburg County, NC. The project will include construction of new storage track spurs and a warehouse on a 66-acre property located along Allen Station Road in Mecklenburg County (Parcel ID# 13715210). The parcel was formerly agricultural and woodland in a quickly developing area. Previous developed infrastructure on the property includes utilities, road grading and stormwater basins. Surrounding land uses comprise public facilities such as Rocky River High School and Hope Community Fellowship, along with commercial and medium-to-high density residential neighborhoods. All work will be completed on ACWR-owned land.

<u>Midland Siding</u> – This work will be completed along the existing rail line just west of Old Camden Road approximately 2 miles east of Midland, Cabarrus County, NC. The surrounding land is mainly wooded.

The rail right-of-way in this location is approximately 120 feet wide with a bump out at the stream crossing to approximately 200 feet. The track is on fill through this section with a general clear zone of 50 feet.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

# **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Commented Prot Specialist.
Federal Railrand Administration

Andréa Martin
Senior Environmental Protection Specialist
Federal Railroad Administration





November 29, 2021

North Carolina State Historic Preservation Office 109 E. Jones Street 2<sup>nd</sup> Floor Mail Service Center 4617 Raleigh, NC 27601

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

# **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Andréa Martin

Senior Environmental Protection Specialist

Federal Railroad Administration

ironmental Prot Specialist.





November 29, 2021

North Carolina Natural Heritage Program Nature Research Center 121 W. Jones Street 1651 Mail Service Center Raleigh, NC 27699

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

# **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Andréa Martin

Senior Environmental Protection Specialist

**Federal Railroad Administration** 





November 29, 2021

North Carolina Department of Environmental Quality 217 W. Jones Street 1617 Mail Service Center Raleigh, NC 27699

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

# **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Andréa Martin

Senior Environmental Protection Specialist

**Federal Railroad Administration** 





November 29, 2021

North Carolina Department of Environmental Quality Fayetteville Regional Office 225 Green Street Suite 714 Fayetteville, NC 28301

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

#### **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Andréa Martin

Senior Environmental Protection Specialist

**Federal Railroad Administration** 





November 29, 2021

North Carolina Department of Environmental Quality Mooresville Regional Office 610 East Center Avenue Suite 301 Mooresville, NC 28115

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

# **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Andréa Martin

Senior Environmental Protection Specialist

**Federal Railroad Administration** 

onmental Prot specialist.





November 29, 2021

Mecklenburg County Valerie Woodard Center 3205 Freedom Drive Charlotte, NC 28208

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

#### **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

# **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Andréa Martin

Senior Environmental Protection Specialist

**Federal Railroad Administration** 





November 29, 2021

Cabarrus County 65 Church Street S Concord, NC 28025

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

# **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

Mint Hill Storage Yard and Mint Hill Warehouse— This work will be completed on a property owned by ACWR in Mint Hill, Mecklenburg County, NC. The project will include construction of new storage track spurs and a warehouse on a 66-acre property located along Allen Station Road in Mecklenburg County (Parcel ID# 13715210). The parcel was formerly agricultural and woodland in a quickly developing area. Previous developed infrastructure on the property includes utilities, road grading and stormwater basins. Surrounding land uses comprise public facilities such as Rocky River High School and Hope Community Fellowship, along with commercial and medium-to-high density residential neighborhoods. All work will be completed on ACWR-owned land.

<u>Midland Siding</u> – This work will be completed along the existing rail line just west of Old Camden Road approximately 2 miles east of Midland, Cabarrus County, NC. The surrounding land is mainly wooded.

The rail right-of-way in this location is approximately 120 feet wide with a bump out at the stream crossing to approximately 200 feet. The track is on fill through this section with a general clear zone of 50 feet.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

# **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Commented Prot Specialist.
Federal Railrand Administration

Andréa Martin
Senior Environmental Protection Specialist
Federal Railroad Administration





November 29, 2021

Montgomery County 102 East Spring Street Troy, NC 27371

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

# **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

Mint Hill Storage Yard and Mint Hill Warehouse— This work will be completed on a property owned by ACWR in Mint Hill, Mecklenburg County, NC. The project will include construction of new storage track spurs and a warehouse on a 66-acre property located along Allen Station Road in Mecklenburg County (Parcel ID# 13715210). The parcel was formerly agricultural and woodland in a quickly developing area. Previous developed infrastructure on the property includes utilities, road grading and stormwater basins. Surrounding land uses comprise public facilities such as Rocky River High School and Hope Community Fellowship, along with commercial and medium-to-high density residential neighborhoods. All work will be completed on ACWR-owned land.

<u>Midland Siding</u> – This work will be completed along the existing rail line just west of Old Camden Road approximately 2 miles east of Midland, Cabarrus County, NC. The surrounding land is mainly wooded.

The rail right-of-way in this location is approximately 120 feet wide with a bump out at the stream crossing to approximately 200 feet. The track is on fill through this section with a general clear zone of 50 feet.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

# **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Commented Prot Specialist.
Federal Railrand Administration

Andréa Martin
Senior Environmental Protection Specialist
Federal Railroad Administration





November 29, 2021

Moore County 1 Courthouse Square Carthage, NC 28327

Re: Agency Coordination Initiation of Aberdeen Carolina & Western Railroad Environmental Assessment

To Whom it May Concern:

The Federal Railroad Administration (FRA) is providing financial assistance to Aberdeen, Carolina & Western Railway (ACWR) to construct new facilities including passing and storage sidings, storage yards and a new warehouse. The purpose of the project is to address congestion issues on the existing railroad. The five (5) project sites are located along an existing rail line in Mecklenburg, Cabarrus, Montgomery, and Moore Counties, North Carolina (See Figure 1-6). Pursuant to the National Environmental Policy Act (NEPA), the FRA will prepare an Environmental Assessment (EA) that evaluates the potential environmental effects of the proposed project. The purpose of this letter is to request information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required.

# **Project Description**

The project area consists of five locations along the ACWR rail line between Charlotte and Aberdeen. The sites are listed below from west to east and correspond to the Project Location Map (Figure 1-6) and Photo Log.

Mint Hill Siding—This work will be completed along the existing rail line between Albemarle Road and I-495 in Mint Hill, Mecklenburg County, NC. Surrounding land use is mainly wooded with intermittent large-lot residential housing. The rail right-of-way in this location varies between 150 to more than 200 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

Mint Hill Storage Yard and Mint Hill Warehouse— This work will be completed on a property owned by ACWR in Mint Hill, Mecklenburg County, NC. The project will include construction of new storage track spurs and a warehouse on a 66-acre property located along Allen Station Road in Mecklenburg County (Parcel ID# 13715210). The parcel was formerly agricultural and woodland in a quickly developing area. Previous developed infrastructure on the property includes utilities, road grading and stormwater basins. Surrounding land uses comprise public facilities such as Rocky River High School and Hope Community Fellowship, along with commercial and medium-to-high density residential neighborhoods. All work will be completed on ACWR-owned land.

<u>Midland Siding</u> – This work will be completed along the existing rail line just west of Old Camden Road approximately 2 miles east of Midland, Cabarrus County, NC. The surrounding land is mainly wooded.

The rail right-of-way in this location is approximately 120 feet wide with a bump out at the stream crossing to approximately 200 feet. The track is on fill through this section with a general clear zone of 50 feet.

<u>ACWR HQ Phase 3 Storage Yard</u> – This work will be completed on property owned by ACWR in Candor, Montgomery County, NC. The scope of work at this location includes construction of 12 new storage track spurs totaling 20,000 linear feet north of the existing ACWR headquarter building. The area was cleared during a previous project. The surrounding land is wooded and agricultural. There are wetlands and streams on the property.

<u>Samarcand Storage & Passing Siding</u> – This work will be completed along the existing rail line in Samarcand and Eagle Springs, Moore County, NC. The surrounding land is wooded and agricultural intermixed with residential areas. The rail right-of-way in this location is approximately 100 feet wide with a general clear zone of 50 feet. All work will be completed within the existing right-of-way.

# **Request for Information**

The FRA is interested in any information regarding potential resources within the project area that may be of concern to your agency, as well as any permits and approvals that may be required for this project. the FRA will make the EA available for review by agencies and the public upon its completion as required by NEPA and the FRA's Procedures for Considering Environmental Impacts (64 Federal Register [FR] 28545, May 26, 1999).

Thank you in advance for your input. If you have any questions or need additional information, please contact Environmental Protection Specialist Jon Schmidt at (617) 494-3439. Thank you for your time and cooperation.

Sincerely,

Commented Prot Specialist.
Federal Railrand Administration

Andréa Martin
Senior Environmental Protection Specialist
Federal Railroad Administration



# MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Code Enforcement

December 20.2021

To: Laura Bair

Senior Project Manager

Skelly and Loy, Inc Terracon Company 449 Eisenhower Boulevard, Suite 300 Harrisburg, Pennsylvania 17111

From: Patrick G. Granson

Director of Code Enforcement

2145 Suttle Av.

Charlotte, North Carolina 28208

Reference: Agency Coordination Initiation of Aberdeen Carolina

& Western Railroad Environmental Assessment.

(13715210 -11089 Clear Creek Commerce Drive, Mecklenburg County)

This memo is to address the request (Federal Railroad Administration FRA-11.29.21) for any information at the above location dealing with any potential issues or permits and approvals that might be required for the overall projects.

At this time, there are no holds on the address provided. We do see there is an easement on this property with the City of Charlotte that is being considered as abandoned. This will need to be addressed before any permits will be issued.

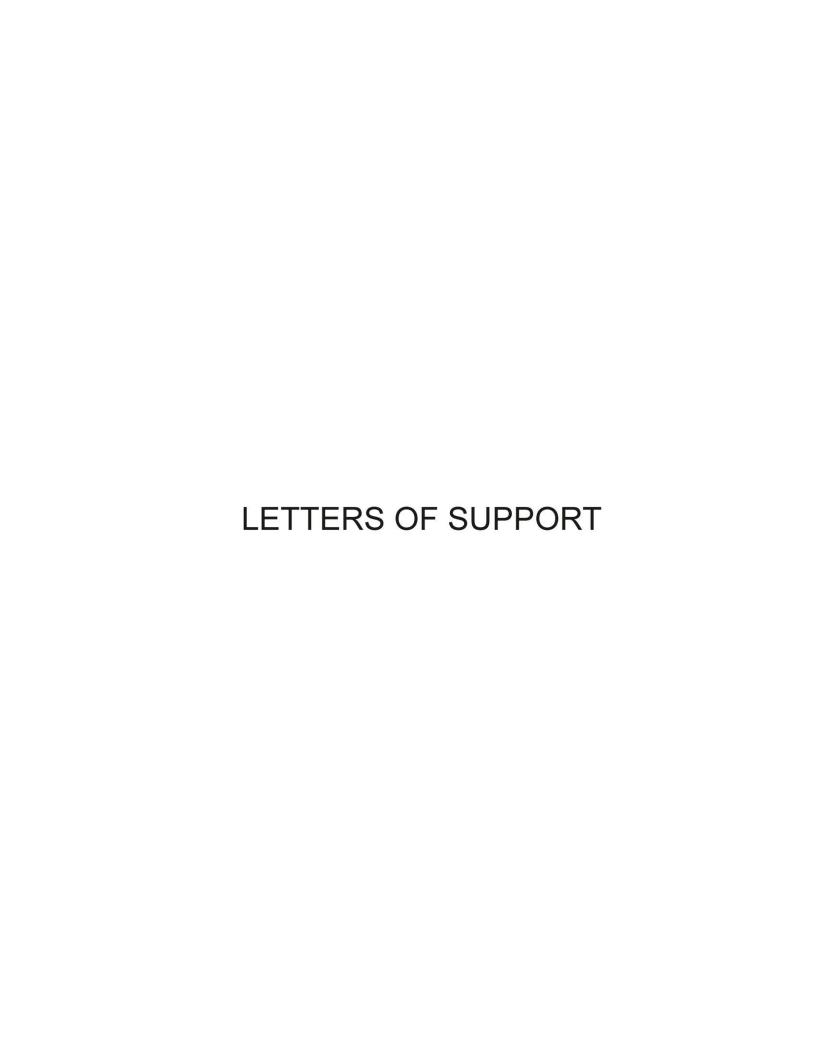
Based on the memo, if additional building/structures are going to be built on the property, this will require coordination with Mecklenburg County Code Enforcement and your design team before any work can proceed. Please plan accordingly within your schedule.

If you have any additional questions or comments, please feel free to reach out to me.

Sincerely,

Patrick G. Granson

Director of Code Enforcement





# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

June 16, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

Re: Aberdeen, Carolina & Western Railway Company (ACWR) FY20 FRA CRISI Grant Application -ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program

Dear Mr. Batory:

The North Carolina Department of Transportation (NCDOT) is pleased to support ACWR's grant application to the FY20 Federal Railroad Administration Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program. The ACWR has proposed to perform comprehensive safety and capacity system improvements that will reduce congestion to both highway and rail users, promote safety and state of good repair, and enhance reliable service to vital industries in the region on the existing ACWR system.

As proposed, this project would qualify for a potential funding grant under NCDOT's Freight Rail and Rail Crossing Safety Improvement (FRRCSI) program which provides state matching funds for the enhancement of freight rail service, short line railroad assistance, diversion of freight from highway to rail, and railroad-roadway crossing safety. Pending funding availability, grants under this program provide matching funds up to fifty percent (50%) of the non-federal share and are matched by equal or greater funding from the applicant.

The NCDOT is committed to economic development across North Carolina and is appreciative of ACWR's efforts to enhance rail service in our state.

Sincerely,

J. Eric Boyette Secretary

9. E. B.M.



Norfolk Southern Corporation One Constitution Avenue, NE Washington, DC 20002 Tel: 202/675-8221 rick.crawford@nscorp.com

Rick Crawford **Director-Public Projects** Government Relations

May 15, 2020

Mr. Ronald Batory, Administrator **Director- Public Projects** Government Relations

Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: CONSOLIDATED RAIL INFRASTRUCTURE AND SAFETY IMPROVEMENTS (CRISI) GRANT APPLICATION-ABERDEEN, CAROLINA & WESTERN RAILWAY STRATEGIC RAILWAY SYSTEM SAFETY, STATE OF GOOD REPAIR, AND CONGESTION MITIGATION PROGRAM

Dear Mr. Batory,

I write to express Norfolk Southern's strong support of Aberdeen, Carolina & Western Railway's (ACWR) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant towards the "ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program."

This financial assistance, if awarded, will help facilitate ACWR's efforts to reduce congestion to accommodate rapidly growing traffic on its Piedmont and Sandhills Divisions, and alleviate safety concerns associated with deteriorating bridge and track conditions. ACWR seeks funding to: (1) rehabilitate bridges, (2) upgrade existing ties (3) install new passing sidings (4) construct new industrial yards.

At the completion of the "ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program", all speed and weight restrictions on the Piedmont and Sandhills Divisions will be removed, both Divisions will meet at minimum FRA Class II standards, and both lines will have increased capacity. This end -state will provide capabilities for the continued growth of freight rail traffic, mitigate rail -to -truck conversions, and contribute substantially to economic growth of this region of North Carolina.

The ACWR currently operates under a lease agreement with Norfolk Southern. As the owner of the lines on the Piedmont Division, Norfolk Southern is committed to maintaining the improvements facilitated through this grant for at least 30 years. Norfolk Southern is pleased to offer our full support of ACWR's Safety, State of Good Repair. and Congestion Mitigation, and ask that the Federal Railroad Administration give full consideration to ACWR's application.

Thank you for your time and consideration in this matter.

Respectfully Crawfor

North Carolina Operation Lifesaver 1500 Carson Street, Suite 108 Raleigh, NC 27608 Office: 919-831-3006 NCOperationLifesaver@outlook.com



June 2, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE:

ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program

FY20 FRA CRISI Grant Application

Dear Mr. Batory:

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to local and regional communities in North Carolina. The ACWR's plans to improve safety, their services, and to reduce congestion are all positive benefits to the businesses, industries, and citizens of North Carolina and for this North Carolina Operation Lifesaver is supportive of this project.

Rail congestion and the impact it can have on our local industries and communities is always a concern. The programs the ACWR has planned for expanding their capacity and improving fluidity through our state will provide benefits for years to come.

The ACWR's ongoing safety efforts within North Carolina are also very much appreciated. The road crossing improvement projects, road crossing awareness programs, and the ongoing training provided to local fire departments and emergency response teams have truly benefited emergency preparedness. In November 2019, the ACWR provided a beneficial Hazmat training seminar for first responder departments within their extensive service area. This training made it clear just how important it is for the ACWR to improve its ability to move railcars and safely store rail cars within and around our small rural communities.

North Carolina Operation Lifesaver is fully supportive of the Aberdeen Carolina and Western Railways' application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Margaret Cannell

Executive Director/State Coordinator North Carolina Operation Lifesaver

RICHARD HUDSON 8TH DISTRICT, NORTH CAROLINA

COMMITTEE ON ENERGY AND COMMERCE

SUBCOMMITTEE ON ENERGY SUBCOMMITTEE ON ENVIRONMENT

SUBCOMMITTEE ON HEALTH

2112 RAYBURN HOUSE OFFICE BUILDING WASHINGTON, DC 20515

(202) 225-3715

June 2, 2020

Congress of the United States House of Representatives

325 McGILL AVE., STE. 500 CONCORD, NORTH CAROLINA 28027 (704) 786-1612

225 GREEN STREET, STE. 202 FAYETTEVILLE, NORTH CAROLINA 28301 (910) 997-2070

SANDHILLS COMMUNITY COLLEGE VAN DUSEN BUILDING, ROOM 114 3395 AIRPORT ROAD PINEHURST, NORTH CAROLINA 28375 (910) 246-5374

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program

Dear Administrator Batory,

I am writing to you today as it is my understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying for a FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) grant.

The railroad is vital to the economy of our state, particularly in Moore, Montgomery, Stanly and Cabarrus Counties which are centrally located in North Carolina's 8th District. I am fully supportive of the project and am confident that the project will have a dramatic impact on improving some of the ACWR's current operational challenges including:

- Improving Safety & Risk Mitigation: This program will enhance the infrastructure safety standards and will reduce the likelihood of derailments and will improve road crossing safety for the general public
- Capacity and Congestion: This project will add additional capacity to allow the ACWR to store trains off the mainline which will help reduce congestion
- Operating Efficiency: Bring track from 10mph to 25mph system wide
- Economic Sustainability: Viable rail options are critical to the economic growth and sustainability of our supported constituents

I request your fair and prompt consideration of ACWR's application for this grant. If you have questions for my office, please contact my District Director, Georgia Lozier. She can be reached at 704-786-1612. Please keep my office updated with announcements about this grant.

Sincerely,

Richard Hudson

Member of Congress

DAN BISHOP NORTH CAROLINA 9TH DISTRICT

Washington Office 132 Cannon House Office Building Washington, DC 20515 (202) 225-1976

HISTORIC UNION COUNTY COURTHOUSE DISTRICT OFFICE 300 N MAIN ST. MONROE, NC 28112 (704) 218-5300

# Congress of the United States House of Representatives

Washington, DC 20515-3309

June 12, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The railroad is vital to the economy in North Carolina and particularly the 9<sup>th</sup> District which I represent in Mecklenburg County and in the Town of Mint Hill, NC. I am fully supportive of the projects and confident these projects will have a dramatic impact on improving freight service to the state including:

- Economic Sustainability: Viable rail options are critical to the economic growth and sustainability of our supported constituents especially in our rural areas the ACWR services.
- Improving Safety & Risk Mitigation: These programs will enhance the infrastructure safety standards, reduce the likelihood of derailments, and will improve road crossing safety for the public.
- Capacity and Congestion: These projects will add additional capacity to help reduce congestion and improve service for our manufacturers and industries.
- Operating Efficiency: These projects will upgrade track and subsequent track speeds from 10mph to 25mph system wide and enhance freight movements in our region.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully.

Representative Dan Bishop Member of Congress

PRINTED ON RECYCLED PAPER

COMMITTEE ON SMALL BUSINESS
RURAL DEVELOPMENT,
AGRICULTURE, TRADE, AND ENTREPRENEURSHIP
COMMITTEE ON HOMELAND SECURITY
TRANSPORTATION AND MARITIME SECURITY
EMERGENCY PREPAREDNESS, RESPONSE
AND RECOVERY



### NORTH CAROLINA GENERAL ASSEMBLY

STATE LEGISLATIVE BUILDING 16 W. Jones Street Raleigh, North Carolina 27601-1030 919-733-5903

June 3, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The railroad is vital to the economy in North Carolina and particularly the 52nd District which I represent in Moore County, NC. I am fully supportive of the projects and confident these projects will have a dramatic impact on improving freight service to the county and state including:

- **Economic Sustainability:** Viable rail options are critical to the economic growth and sustainability of our supported constituents especially in our rural areas the ACWR services.
- Improving Safety & Risk Mitigation: These programs will enhance the infrastructure safety standards, reduce the likelihood of derailments, and will improve road crossing safety for the public.
- Capacity and Congestion: These projects will add additional capacity to help reduce congestion and improve service for our manufacturers and industries.
- Operating Efficiency: These projects will upgrade track and subsequent track speeds from 10mph to 25mph system wide and enhance freight movements in our region.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Representative Jamie Boles District 52, Moore County

James L Bolez



# North Carolina General Assembly House of Representatives

Representative Scott T. Brewer 66th District

COMMITTEES

Office:

542 Legislative Office Building

300 N. Salisbury Street

Raleigh, NC 27603-5925

Phone:

(919) 733-5823

Email:

Scott.Brewer@ncleg.net

Appropriations

Appropriations; Justice and Public Safety

Education K - 12

Judiciary

Regulatory Reform

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is my understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

Montgomery and Stanly Counties are dependent on our agricultural, aggregate, and wood products industries. Rail congestion and the impact it can have on our local industries as well as on our public roadways is a concern. The programs the ACWR has planned for expanding their capacity and improving fluidity through our county will provide benefits for years to come.

The ACWR's ongoing safety efforts within District 66 is also very much appreciated. The road crossing improvement projects, road crossing awareness programs and the ongoing training provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training made it clear just how important it is for the ACWR to improve its ability to move railcars and safely store rail cars within and around our small rural communities.

I am fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

Representative Scott T. Brewer

66th District



# North Carolina General Assembly House of Representatiles

REPRESENTATIVE WAYNE SASSER **67TH DISTRICT-STANLY & CABARRUS** 

OFFICE ADDRESS: 418A LEGISLATIVE OFFICE BUILDING

300 N. SALISBURY STREET

RALEIGH, NC 27603-5925

TELEPHONE:

(919) 733-5908 (919) 754-3177 wayne.sasser@ncleg.net

EMAIL:

June 8, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

Dear Mr. Batory,

It is my understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to the economy in North Carolina and particularly within the local and regional communities in District 67. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses, industries, and citizens of Cabarrus and Stanly Counties and for this I am appreciative.

Cabarrus and Stanly Counties are dependent on our aggregate, wood, and steel products industries. Rail congestion and the impact it can have on our local industries as well as on our public roadways is a concern. The programs the ACWR has planned for expanding their capacity and improving fluidity through our county will provide benefits for years to come.

The ACWR's ongoing safety efforts within District 67 is also very much appreciated. The road crossing improvement projects, road crossing awareness programs and the ongoing training provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training made it clear just how important it is for the ACWR to improve its ability to move railcars and safely store rail cars within and around our small rural communities.

I am fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support. Please feel free to contact my office, if you have any questions.

Best Regards. Wayne Sasses

Representative Wayne Sasser



COMMITTEES:

STATE AND LOCAL GOVERNMENT

WILDLIFE RESOURCES

FINANCE HEALTH

INSURANCE



# North Carolina General Assembly House Of Representatilies

REPRESENTATIVE ALLEN R. MCNEILL 78TH DISTRICT-RANDOLPH AND MOORE COUNTIES

OFFICE

411 LEGISLATIVE OFFICE BUILDING

300 N. SALISBURY STREET

RALEIGH, NC 27603-5925

TELEPHONE:

(919) 715-4946

allen.mcneill@ncleg.net HOME ADDRESS: 4172 NC HIGHWAY 495

ASHEBORO, NC 27205 (336) 302-0263

June 9, 2020

COMMITTEES:

APPROPRIATIONS-VICE CHAIRMAN

APPROPRIATIONS JUSTICE AND PUBLIC SAFETY, CHAIRMAN

ELECTIONS AND ETHICS LAW

PENSIONS AND RETIREMENT, CHAIRMAN

TRANSPORTATION

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to the economy in North Carolina and particularly the local and regional communities in District 78 and Moore County, NC. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses, industries, and citizens of Moore County and for this we are appreciative.

Moore County is dependent on our agricultural, sand and wood products industries. Rail congestion and the impact it can have on our local industries as well as on our public roadways is a concern. The programs the ACWR has planned for expanding their capacity and improving fluidity through our county will provide benefits for years to come.

The ACWR's ongoing safety efforts within Moore County are also very much appreciated. The road crossing improvement projects, road crossing awareness programs and the ongoing training provided to our local fire departments and emergency response teams truly benefit our overall emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area



departments. This training made it clear just how important it is for the ACWR to improve its ability to move railcars and safely store rail cars within and around our small rural communities.

I am and the constituents of District 78 are fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Representative Allen McNeill



# Office of the Speaker North Carolina House of Representatives

TIM MOORE SPEAKER

June 12, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, & Congestion Mitigation Program

Dear Mr. Batory;

It is my understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program. The railroad is vital to the economy in North Carolina and I am fully supportive of these projects and confident these projects will have a dramatic impact on improving freight service to the county and state including:

- Economic Sustainability: Viable rail options are critical to the economic growth and sustainability of our supported constituents especially in our rural areas the ACWR services.
- Improving Safety & Risk Mitigation: These programs will enhance the infrastructure safety standards, reduce
  the likelihood of derailments, and will improve road crossing safety for the public.
- Capacity and Congestion: These projects will add additional capacity to help reduce congestion and improve service for our manufacturers and industries.
- Operating Efficiency: These projects will upgrade track and subsequent track speeds from 10 mph to 25 mph system wide and enhance freight movements in our region.

If you have any questions or concerns, please feel free to contact me in my Raleigh office at 919-733-3451.

Respectfully,

Tim Moore

Speaker of the House

June 9, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The railroad is vital to the economy in North Carolina and particularly the 25<sup>th</sup> District which I represent in Moore County, NC. I am fully supportive of the projects and confident these projects will have a dramatic impact on improving freight service to the county and state including:

- **Economic Sustainability:** Viable rail options are critical to the economic growth and sustainability of our supported constituents especially in our rural areas the ACWR services.
- Improving Safety & Risk Mitigation: These programs will enhance the infrastructure safety standards, reduce the likelihood of derailments, and will improve road crossing safety for the public.
- Capacity and Congestion: These projects will add additional capacity to help reduce congestion and improve service for our manufacturers and industries.
- Operating Efficiency: These projects will upgrade track and subsequent track speeds from 10mph to 25mph system wide and enhance freight movements in our region.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Senator Tom McInnis

District 25, Anson, Moore, Richmond, & Scotland Counties

J. WAYNE VEST COUNTY MANAGER



COUNTY OF MOORE
BOARD OF COMMISSIONERS

FRANK QUIS
CHAIRMAN
LOUIS GREGORY
VICE CHAIRMAN
OTIS RITTER
CATHERINE GRAHAM
JERRY DAEKE

P.O. BOX 905 / ONE COURTHOUSE SQUARE CARTHAGE, NC 28327 TELEPHONE: 910.947.6403

June 16, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to the local and regional communities in and around Moore County, NC. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses, industries, and citizens of Moore County and for this we are appreciative.

Rail congestion and the impact it can have on our local industries and communities is always a concern. The programs the ACWR has planned for expanding their capacity and improving fluidity through our county will provide benefits for years to come. On occasion ACWR has blocked local public at-grade crossings or highway thoroughfares due to their operational need to store and switch trains on their mainline tracks within Moore County,

specifically towards Candor and Aberdeen, NC due to congestion. Clearing the mainline will improve the access to the traveling public and emergency vehicles.

In addition, the ACWR over the years experienced a large number of derailments of its grain trains along the line in Moore County. While there has not been a major derailment in recent memory, we want to ensure that degrading of infrastructure does not occur in the future.

Moore County, NC is fully supportive of the Aberdeen Carolina and Western Railway's application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

J. Wayne Vest

Moore County Manager

Wayne Vest

## COUNTY OF MONTGOMERY

102 East Spring St. P.O. Box 425 Telephone: (910) 576-4221 Troy, North Carolina 27371-0425 Fax: (910) 576-4566

www.montgomerycountync.com

BOARD OF COMMISSIONERS Dottie Robinson, Chair Harvey Mack, Vice Chair Jim Matheny, Commissioner Mike Criscoe, Commissioner Grant Hinson, Commissioner



**OFFICERS** 

Matthew Woodard C.D. Crepps Melissa Pipkin Russell J. Hollers Chris Watkins Misty Coffin County Manager Finance Director Register of Deeds County Attorney Sheriff Clerk to the Board

June 9, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to the local and regional communities in and around Montgomery County, NC. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses, industries, and citizens of Montgomery County and for this we are appreciative.

Montgomery County is dependent on our agricultural, sand and wood products industries and the other rail related businesses such as the fuels transload operations in Star, NC. Rail congestion and the impact it can have on our local industries as well as on our public roadways is a concern. The programs the ACWR has planned for expanding their capacity and improving fluidity through our county will provide benefits for years to come.

The ACWR's ongoing safety efforts within our community are also very much appreciated. The road crossing improvement projects, road crossing awareness programs and the ongoing training provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training made it clear just how important it is for the ACWR to improve its ability to move railcars and safely store rail cars within and around our small rural communities.

Montgomery County, NC is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Matthew M. Woodard

Note in wada!

**County Manager** 

County of Montgomery



May 14, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to local and regional communities in and around Stanly County, NC. The ACWR's plans to improve their service, safety, and reduce congestion are all positive benefits to the businesses, industries, and citizens of Stanly County, and we appreciate their desire to enhance safety and invest in our communities.

Stanly County depends on our aggregate, forest products and steel pipe industries. Rail congestion and the impact it can have on our local industries and communities is always a concern. The programs the ACWR has planned for expanding their capacity and improving fluidity through our county will provide benefits for years to come.

The ACWR's ongoing safety efforts within Stanly County are also very much appreciated. The road crossing improvement projects, road crossing awareness programs and the ongoing training provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training made it clear just how important it is for the ACWR to improve its ability to move railcars and safely store rail cars within and around our small rural communities.

Stanly County, NC is fully supportive of the Aberdeen Carolina and Western Railway's application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact me via phone or email. Thank you for your kind consideration.

Respectfully,

Andrew M. Lucas County Manager

P 704.986.3600

F| 704.986.3133



June 10, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to the local and regional communities in and around Cabarrus County, North Carolina. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses, industries, and citizens of Cabarrus County and for this we are appreciative.

Cabarrus County is one of the fastest growing counties in North Carolina. Rail congestion and the impact it can have on our local industries and communities is always a concern. The programs the ACWR has planned for expanding their capacity and improving fluidity through our county will provide benefits for years to come.

There is tremendous future industrial growth potential and opportunities for Southern Cabarrus County where the ACWR rail line is located and serves our community. In 2015/2016, Intertape Polymer Group announced their plans to establish a manufacturing operation in Cabarrus County and utilize ACWR's rail and services. Intertape Polymer has since expanded their operations in Cabarrus and has invested over \$50,000,000 in real and personal property. They have also created over 60 full time jobs with average wages above our County average wage. The shortline regional railroad is a huge asset to our community and we know that the railroad will continue to attract manufacturing and industrial operations to Cabarrus County.

The ACWR's ongoing safety efforts within Cabarrus County are also very much appreciated. The road crossing improvement projects, road crossing awareness programs and the ongoing training provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training made it clear just how important it is for the ACWR to improve its ability to move railcars and safely store rail cars within and around our small rural communities.

Cabarrus County, North Carolina is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Michael K. Downs County Manager

Website: www.cabarruscounty.us



June 9, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to the local and southeastern communities in Mecklenburg County, NC. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses, industries, and citizens of Mecklenburg County and for this we are appreciative.

Mecklenburg County is one of the most densely populated counties in North Carolina. Rail congestion and the impact it can have on our local communities and industries is always a concern. The programs the ACWR has planned for expanding their capacity and improving fluidity through our county will provide benefits for years to come.

The ACWR's ongoing safety efforts within Mecklenburg County are also very much appreciated. The road crossing improvement projects, road crossing awareness programs and the ongoing training provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training made it clear just how important it is for the ACWR to improve its ability to move railcars and safely store rail cars within and around our neighborhoods.

Mecklenburg County, NC is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Dena R. Diorio

Dena R. Diorio County Manager



June 10, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

Re: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 The Railroad Rehabilitation and Investment Financing Express (RRIF Express) Program

Dear Mr. Batory:

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to the local and southeastern communities in Mecklenburg County, NC including the City of Charlotte. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses, industries, and citizens of Mecklenburg County and for this we are appreciative.

Mecklenburg County is one of the most densely populated counties in North Carolina. Rail congestion and the impact it can have on our local communities and industries is always a concern. The programs the ACWR has planned for expanding their capacity and improving fluidity through our county will provide benefits for years to come.

The ACWR's ongoing safety efforts within the City and County are also very much appreciated. The road crossing improvement projects, road crossing awareness programs and the ongoing training provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training made it clear just how important it is for the ACWR to improve its ability to move railcars and safely store rail cars within and around our neighborhoods.

The City of Charlotte is fully supportive of the Aberdeen Carolina and Western Railways application for the FY20 FRA CRISI grant and the projects in which the grant will support.

Sincerely,

Marcus D. Jones

City Manager





June 10, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to the local and southeastern communities in Charlotte and Mecklenburg County, NC. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses, industries, and citizens of Charlotte and Mecklenburg County and for this we are appreciative.

Charlotte is one of the most densely populated cities in North Carolina. Rail congestion and the impact it can have on our local communities and industries is always a concern. The programs the ACWR has planned for expanding their capacity and improving fluidity through our county will provide benefits for years to come.

The ACWR's ongoing safety efforts within Charlotte and Mecklenburg County are also very much appreciated. The road crossing improvement projects, road crossing awareness programs and the ongoing training provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training made it clear just how important it is for the ACWR to improve its ability to move railcars and safely store rail cars within and around our neighborhoods.

The Charlotte Department of Transportation is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully

Elizabeth Babson

Director

Charlotte Department of Transportation



May 27, 2020

The Honorable Elaine Chao Secretary of Transportation US Department of Transportation 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 The Railroad Rehabilitation and Investment Financing Express (RRIF Express) Program.

Dear Madam Secretary,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 The Railroad Rehabilitation and Investment Financing Express (RRIF Express) Program.

The ACWR is vital to the local and regional communities in and around Mint Hill, North Carolina. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses of Mint Hill and for this we are appreciative.

The Town of Mint Hill supports all efforts to assist the ACWR with track and infrastructure improvements. Mint Hill is within a major growth corridor for the Charlotte area. Several rail transload and warehouse projects are in the planning stages, so traffic issues are a current concern. The ACWR's plans for expanding their capacity and improving fluidity through our town and this area are very much appreciated.

The Town of Mint Hill is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 The Railroad Rehabilitation and Investment Financing Express (RRIF Express) Program and the projects in which the program will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully, Bref Amin

**Brad Simmons** 

Mayor

Town of Mint Hill, North Carolina



May 27, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to the local and regional communities in and around Mint Hill, NC. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses of Mint Hill and for this we are appreciative.

The Town of Mint Hill supports all efforts to assist the ACWR with track and infrastructure improvements. Mint Hill is within a major growth corridor for the Charlotte area. Several rail transload and warehouse projects are in the planning stages, so traffic issues are a current concern. The ACWR's plans for expanding their capacity and improving fluidity through our town and this area are very much appreciated.

The Town of Mint Hill is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

**Brad Simmons** 

Mayor

Town of Mint Hill, North Carolina

Bul Anni



May 14, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to the local and regional communities in and around Midland, NC. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses of Midland and for this we are appreciative.

The town of Midland supports all efforts to assist the ACWR with track and infrastructure improvements. Midland has a transload yard that handles specialty hazmat chemicals for the regional area manufacturers and industries. The Midland area is growing rapidly, and rail congestion has become a noticeable issue. We have reviewed the plans the ACWR has for expanding their capacity and improving fluidity through our town and this area and we support these efforts.

The ACWR's ongoing safety efforts within our community are also very much appreciated. The support the ACWR has provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training has also made it clear to the town just how important it is for the ACWR to improve its ability to move railcars and properly store rail cars through our small rural communities to help mitigate any potential emergency situations in the future.

Additionally, Midland and our surrounding communities understand the positive impacts these ACWR's projects will have on road crossing improvements which is a major town initiative toward improving road safety.

The town of Midland is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Mayor John Crump

Town of Midland

June 9, 2020

The Honorable Elaine Chao Secretary of Transportation US Department of Transportation 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 The Railroad Rehabilitation and Investment Financing Express (RRIF Express) Program.

Dear Madam Secretary,

The Midland Fire Department is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

The ACWR is vital to the local and regional communities in North Carolina. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits which we support.

The ACWR's ongoing safety efforts within our community are also very much appreciated. The support the ACWR has provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training has also made it clear to the town just how important it is for the ACWR to improve its ability to move railcars and properly store rail cars through our small rural communities to help mitigate any potential emergency situations in the future.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Allen Burnette

alla Burnte

Chief

Midland Volunteer Fire and Rescue, Inc.



## PO Box 97 • Star, NC 27356 Phone: (910) 428-4623 • Fax: (910) 428-1170

townofstar@gmail.com • www.starnc.gov

May 29, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to the local and regional communities in and around Star, NC. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses of Star and for this we are appreciative.

The Town of Star supports all efforts to assist the ACWR with track and infrastructure improvements as we have a transload yard that handles fuel related products for the regional area fuel suppliers. The area around Star is beginning to grow, and rail congestion has become a noticeable issue.

The ACWR's ongoing safety efforts within our community are also very much appreciated. The support the ACWR has provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training has also made it clear to the town just how important it is for the ACWR to improve its ability to move railcars and properly store rail cars through our small rural communities to help mitigate any potential emergency situations in the future.

The Town of Star is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Mary H. O'Brien

Mayor, Town of Star



PO Box 97 • Star, NC 27356 Phone: (910) 428-4623 • Fax: (910) 428-1170 - townofstar@gmail.com • www.starnc.gov -

June 8, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The Star Fire Department is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

The ACWR is vital to the local and regional communities in North Carolina. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits which we support.

The ACWR's ongoing safety efforts within our community are also very much appreciated. The support the ACWR has provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training has also made it clear to the town just how important it is for the ACWR to improve its ability to move railcars and properly store rail cars through our small rural communities to help mitigate any potential emergency situations in the future.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Wesley Brown

Chief, Star Fire Department

#### Date

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 The Railroad Rehabilitation and Investment Financing Express (RRIF Express) Program.

The ACWR is vital to the local and regional communities in and around Biscoe, NC. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses of Biscoe and for this we are appreciative.

The town of Biscoe supports all efforts to assist the ACWR with track and infrastructure improvements. The town next to Biscoe is Star and it has a transload yard that handles fuel related products for the regional area fuel suppliers. Along with this, Biscoe is beginning to experience its own growth, and rail congestion has become a noticeable issue. We have reviewed the plans the ACWR has for expanding their capacity and improving fluidity through our town and this area and we support these efforts.

The ACWR's ongoing safety efforts within our community are also very much appreciated. The support the ACWR has provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training has also made it clear to the town just how important it is for the ACWR to improve its ability to move railcars and properly store rail cars through our small rural communities to help mitigate any potential emergency situations in the future.

Additionally, Biscoe and our surrounding communities understand the positive impacts these ACWR's projects will have on road crossing improvements which is a major town initiative toward improving road safety.

The town of Biscoe is fully supportive of the Aberdeen Carolina and Western Railways application for the FY20 The Railroad Rehabilitation and Investment Financing Express (RRIF Express) Program and the projects in which the program will support.

W. Eddie Raynolds

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully, Mayor

First/Last

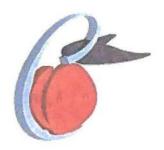
W. Eddie Reynolds

Title

Mayor

Organization

Town of Biscoe



# TOWN OF CANDOR

P.O. Box 220 214 S. MAIN ST. CANDOR, NC 27229 <u>www.TOWNOFCANDORNC.COM</u> (910) 974-4221 MAYOR PHILLIP HEARNE

MANGEMENT ADVISOR RON NILAND

COMMISSIONERS
LAYTON BOOKER
TIM SMITH
JERRY BREWER
DAVID KELLIS
DANIEL HARRIS

May 14, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to the local and regional communities in and around Candor NC. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses of Candor and for this we are appreciative.

The town of Candor supports all efforts to assist the ACWR with track and infrastructure improvements. Candor has two of the largest feed mills in the Southeast; Perdue Farms and Mountaire Farms. These feed mills receive multiple car trains of grain products virtually daily, so rail congestion is real concern for Candor. We have reviewed the plans the ACWR has for expanding their capacity and improving fluidity through our town and this area and we support these efforts.

The ACWR's ongoing safety efforts within our community are also very much appreciated. The support the ACWR has provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training has also made it clear to the town just how important it is for the ACWR to improve its ability to move railcars and properly

store rail cars through our small rural communities to help mitigate any potential emergency situations in the future.

Additionally, Candor and our surrounding communities understand the positive impacts these ACWR projects will have on road crossing improvements which is a major town initiative toward improving road safety.

The town of Candor is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Phillip Hearne

Mayor

Town of Candor



## **Candor Volunteer Fire Department**

P O Box 220, Candor, NC 27229 910-528-8494 (cell) carrickparsons@gmail.com www.townofcandornc.com FIRE CHIEF CARRICK PARSONS

ASSISTANT CHIEF JARED SMITH

06/04/2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The Candor Fire Department is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

The ACWR is vital to the local and regional communities in North Carolina. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits which we support.

The ACWR's ongoing safety efforts within our community are also very much appreciated. The support the ACWR has provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training has also made it clear to the town just how important it is for the ACWR to improve its ability to move railcars and properly store rail cars through our small rural communities to help mitigate any potential emergency situations in the future.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Carrick Parsons, Fire Chief Candor Fire Department



June 1, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to the local and regional communities in and around Pinehurst, NC. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits to the businesses, industries, and citizens of Pinehurst and for this we are appreciative.

Rail congestion and the impact it can have on our local industries and communities is always a concern. The programs the ACWR has planned for expanding their capacity and improving fluidity through our county will provide benefits for years to come.

The ACWR's ongoing safety efforts within Pinehurst are also very much appreciated. The road crossing improvement projects, road crossing awareness programs and the ongoing training provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training made it clear just how important it is for the ACWR to improve its ability to move railcars and safely store rail cars within and around our small rural communities.

Pinehurst, NC is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Jeff Batton, Assistant Village Manager

Village of Pinehurst, NC

#### HISTORY, CHARM, AND SOUTHERN HOSPITALITY\_

June 10, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is my understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The Pinehurst Fire Department is supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects that the grant will support.

On occasion ACWR has blocked local public at-grade crossings or highway thoroughfares due their operational need to store trains on their mainline tracks in Pinehurst, NC due to congestion. This congestion has resulted in crossings being blocked to the traveling public and emergency service vehicles for extended periods of time. We understand that the above captioned project will help to relieve congestion and reduce the frequency of trains stored on tracks, blocking at-grade crossing which potentially block emergency service vehicles.

The ACWR's ongoing safety efforts within our community are very much appreciated. The support the ACWR has provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training has also made it clear to the village just how important it is for the ACWR to improve the ability to move railcars and properly store rail cars through our small communities to help mitigate any potential emergencies in the future.

The ACWR is vital to the local and regional communities in North Carolina, and their plans to improve their service, safety and reduce congestion are all positive benefits that are fully supported.

If you have any questions or concerns, please feel free to contact me.

Respectfully,

Fire Chief

# Aberdeen Fire Rescue Department



#### Serving the community since 1921

910-944-7888

800 HOLLY STREET ABERDEEN, NC 28315 Fax: 910-944-9755



June 8, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The Aberdeen Fire Department is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

On occasion ACWR has blocked local public at-grade crossings or highway thoroughfares due their operational need to store trains on their mainline tracks in Aberdeen, NC due to congestion.

This congestion has resulted in crossings being blocked in Aberdeen, to the traveling public or emergency service vehicles for extended periods of time.

We understand that the above captioned project, will help to relieve the congestion on their line which will reduce frequency of trains stored on tracks that block at-grade crossing which potentially block emergency service vehicles (see Appendix X for LOS).

The ACWR's ongoing safety efforts within our community are also very much appreciated. The support the ACWR has provided to our local fire departments and emergency response teams have truly benefited our emergency preparedness. In November 2019, the ACWR provided a Hazmat training seminar for all the area departments. This training has also made it clear to the town just how important it is for the ACWR to improve its ability to move railcars and properly store rail cars through our small rural communities to help mitigate any potential emergency situations in the future.

The ACWR is vital to the local and regional communities in North Carolina. The ACWR's plans to improve their service, safety and reduce congestion are all positive benefits which we support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully.

Phillip Richardson

Fire Chief/ Emergency Manager

Town of Aberdeen

800 Holly Street

Aberdeen, NC 28315

910/944-7888 (o) 910/992-6767 (c)

May 27, 2020

Mr. Ronald Batory Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railroad Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The railroad is important to our feed mill operation in Candor, NC as we bring in unit trains of corn and single rail cars of feed ingredients from the Midwest to manufacture feed. Our community impact in the entire state of North Carolina includes \$1.3 billion in total economic impact; and support of 622 North Carolina poultry farmers, 1,115 North Carolina grain farmers, and 3,842 North Carolina Perdue associates.

The ACWR plans to utilize the funds to make necessary upgrades and repairs to their infrastructure. This will address capacity and congestion issues on their line by adding over 500 car spots and address aged infrastructure which is causing derailments. We often work with the ACWR to store grain trains or ingredient cars on their line, utilizing leased rail cars, so additional rail car storage capacity with reduced threat of derailments represents cost savings and efficiencies to Perdue and other customers served by the ACWR.

Perdue is supportive of the project as the ACWR is confident it will have a significant impact on improving the long-term safety and efficiency of the railroad's operations.

Sincerely,

Sharon Clark
SVP Transportation & Regulatory Affairs
Perdue AgriBusiness LLC

cc: Dick Willey, President, Perdue AgriBusiness LLC
Herb Frerichs, Jr., General Counsel & Government Relations, Perdue Farms, Inc.
Edward Greene, Feed Mill Manager – Candor, Perdue Foods, Inc.



June 10, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The railroad is vital to our feedmill operations in Candor, NC as we bring corn and ingredients from the Midwest to feed over a million chickens per day. Mountaire Farms is fully supportive of the project and is confident that it will have a dramatic impact on improving some of Mountaire's current operational challenges including:

- Railcar cycle times: We currently have 24 hour cycle times between Charlotte to interchange due to slow orders, and this project will allow us to cut the cycle time in half which will significantly improve our fleet utilization.
- Capacity and Congestion: We currently rely on the ACWR to store two to three of our grain trains and a
  large amount of ingredient cars online, and they often must use their own mainline to do so. This project
  will add over 500 additional carspots which will allow the ACWR to store our trains off the mainline which
  will help reduce congestion and further improve our 24/7/365 operational needs.
- Safety: We have seen a number of our grain trains derail on the ACWR due to aged infrastructure in years
  past. This program will bring the ACWR to a state of good repair, and will increase the dependability of
  our freight service.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Phillip Plylar Phillip Plylar President Mountaire Farms



#### Mountaire Farms Inc.

P.O. Box 1320, Millsboro, Delaware 19966 (302) 934-1100 Toll Free (877) 887-1490

May 14, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The railroad is vital to our operations in Star, NC as we move fuels for storage and distribution. Energy Transfer LP ("Energy Transfer") is fully supportive of the project and is confident that it will have a dramatic impact on improving some of Energy Transfer's current operational challenges including:

- Capacity and Congestion: We currently rely on the ACWR to store up to 400 railcars online, and they often must use their own mainline to do so. This project will add additional capacity and will allow the ACWR to store our trains off of the mainline which will help reduce congestion and further improve our 24/7/365 operational needs.
- Safety: The safety of track conditions is critical to the transport of highly flammable and hazardous materials, and this program will bring the ACWR to a state of good repair, and will increase the dependability of our freight service.
- Railcar Cycle Times: We currently have 24 hour cycle times between Charlotte to interchange
  due to slow orders, and this project will allow us to cut the cycle time in half which will
  significantly improve our fleet utilization.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Joe Jimenez

Director, Supply & Transportation

**Energy Transfer LP** 



# Peoples Services, Inc.



Corporate Office Peoples Services, Inc. 2207 Kimball Rd. S.E. Canton, OH 44707

PO Box 20109 Canton, OH 44701 Phone: (330) 453-3709

Fax: (330) 453-5170

Peoples Cartage, Inc.

Canton, OH Massillon, OH Navarre, OH

Parkersburg, WV

Terminal Warehouse, Inc.

Akron, OH Brooklyn Hts., OH Columbus, OH Mogadore, OH Simpsonville, SC

Norfolk, VA

Total Distribution, Inc.

Jacksonville, FL Charlotte, NC Winston-Salem, NC Canton, OH Dayton/Vandalia, OH Huron/Fremont, OH Moncks Comer, SC Salem, VA Charleston/Nitro, WV

**Total Distribution** Brokerage Service, Inc. Massillon, OH

> **Central Warehouse** Operations, Inc.

Midland, MI Saginaw, MI

Crown Warehousing & Logistics, Inc. Cleveland, OH

P-C Sales & Service, Inc. Barberton, OH

**Quick Delivery Service** Charleston/Nitro, WV

Warehousing

**Transportation** 

**Transloading** 

**Packaging** 

May 26, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to our operations in Oakboro, NC. Peoples Services, Inc. provides warehouse and distribution services for the plastics industry nationally. Peoples Services, Inc., is fully supportive of the proposed projects and is confident the results will have a dramatic impact on improving current operational challenges.

Rail transportation offers us a market advantage due to better economics and increased shipment volumes. These advantages only work if we can get our rail cars shipped and returned in a timely fashion. Rail congestion due to inadequate car storage and mainline delays have a significant impact on these advantages. The projects the ACWR are proposing will add over 500 additional car spots that will reduce mainline congestion and offer improved rail car cycle times on their lines. Additionally, the ACWR being able to increase their track speeds from 10 mph to 25 mph will also contribute to improving our fleet utilization.

We fully support the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Mr. Douglas J. Sibila President, CEO Peoples Services, Inc.

www.peoplesservices.com

May 14, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to our operations in Oakboro, NC. Defeo Materials quarries, sells, and distributes aggregate primarily for the landscape industry along the east coast. Defeo Materials is fully supportive of the proposed projects and is confident the results will have a dramatic impact on improving current operational challenges.

Rail transportation offers us a market advantage due to better economics and increased shipment volumes. These advantages only work if we can get our rail cars shipped and returned in a timely fashion. Rail congestion due to inadequate car storage and mainline delays have a significant impact on these advantages. The projects the ACWR are proposing will add over 500 additional car spots which will reduce mainline congestion and offer improved rail car cycle times on their lines. Additionally, the ACWR being able to increase their track speeds from 10 mph to 25 mph will also contribute to improving our fleet utilization.

Defeo Materials is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

First/Last Charagher Desco Title Ormanization Desco Moderls

06/09/2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590



## Quality Is Our Product

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The railroad is vital to our operations in Star, NC as we move outbound woodchips. Cotton Creek is fully supportive of the project and is confident that it will have a positive impact on improving and growing Cotton Creek's current operations.

- Capacity and Congestion: This project will add additional capacity and will allow the ACWR to store trains off of the mainline which will help reduce congestion and further improve our operational needs.
- Safety: The safety of track conditions is critical to the transport of our product, and this
  program will bring the ACWR to a state of good repair and will decrease the dependability of
  our freight service.
- Railcar Cycle Times: This project will allow us to benefit from the increase in cycle times which will significantly improve fleet utilization.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Cotton Creek Chip Co.

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to our operations in Midland, NC. Intertape Polymer Group handles paper, starch, and resin for the manufacturing of water-based tape in which you find on Amazon boxes. Intertape Polymer Group is fully supportive of the proposed projects and is confident the results will have a dramatic impact on improving current operational challenges.

Rail car cycle times are a critical balancing component. The ACWR being able to increase their track speeds from 10 mph to 25 mph will significantly contribute to improving our fleet utilization. These track improvements will also lead to improved safety, and less derailment potential.

Intertape Polymer Group is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Joshua Reichenberg

Master Scheduler - Midland Intertape Polymer Group



May 19, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to our operations in Mt. Gilead, NC. Jordan Lumber cut logs into dimensional lumber for distribution throughout the North and South East. Jordan Lumber is fully supportive of the proposed projects and is confident the results will have a dramatic impact on improving current operational challenges.

Rail car cycle times are a critical balancing component. The ACWR being able to increase their track speeds from 10 mph to 25 mph will significantly contribute to improving our fleet utilization. These track improvements will also lead to improved safety, and less derailment potential.

Jordan Lumber is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully

Jack P. Jordan

Chairman/Executive Vice President Jordan Lumber & Supply, Inc.

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to our operations in Mt. Gilead, NC. Megawood manufactures and distributes lumber products primarily for the retail industry along the east coast. Megawood's is fully supportive of the proposed projects and is confident the results will have a dramatic impact on improving current operational challenges.

Rail transportation offers us a market advantage due to better economics and increased shipment volumes. These advantages only work if we can get our rail cars shipped and returned in a timely fashion. Rail congestion due to inadequate car storage and mainline delays have a significant impact on these advantages. The projects the ACWR are proposing will add over 500 additional car spots which will reduce mainline congestion and offer improved rail car cycle times on their lines. Additionally, the ACWR being able to increase their track speeds from 10 mph to 25 mph will also contribute to improving our fleet utilization.

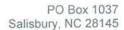
Megawood is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully

Bill Hamilton President

Megawood, Incorporated





May 21, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to our operations in Aquadale, NC. Carolina Stalite manufactures, sells, and distributes lightweight aggregate primarily for the concrete industry nationally. Carolina Stalite is fully supportive of the proposed projects and is confident the results will have a dramatic impact on improving current operational challenges.

Our business is in constant flux due to market conditions, the distances our material travels and balance is the key to ultimate success. Material needs, rail car availability and transit times are constant issues we deal with daily. Congestion due to inadequate car storage and staging which can cause delays in railcar placement or releases are continually monitored. These projects will add over 500 additional car spots which will reduce mainline congestion and offer improved rail car staging for smoother operations with more precise planning.

Rail car cycle times are also a critical balancing component. The ACWR being able to increase their track speeds from 10 mph to 25 mph will significantly contribute to improving our fleet utilization. These track improvements will also lead to improved safety, less derailment potential as well as improved rail car maintenance performance.

Carolina Stalite Company is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully, Thomas R. Harright

Thomas R. Harvell

Transportation Manager

Stalite Lightweight Aggregates

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to our operations in Troy, NC. Troy Lumber cut logs into dimensional lumber for distribution throughout the North and South East. Troy Lumber is fully supportive of the proposed projects and is confident the results will have a dramatic impact on improving current operational challenges.

Rail car cycle times are a critical balancing component. The ACWR being able to increase their track speeds from 10 mph to 25 mph will significantly contribute to improving our fleet utilization. These track improvements will also lead to improved safety, and less derailment potential.

Troy Lumber is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

First/Last Ole Whotaell
Title VP/CM
Organization Troy humber Co.



www.superior-carriers.com

May 14, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The railroad is vital to our operations in Midland, NC as we transload specialty chemicals for distribution. Superior Bulk Logistics is fully supportive of the project and is confident that it will have a dramatic impact on improving some of Superior Bulk Logistics current operational challenges including:

- Capacity and Congestion: we currently rely on the ACWR to store railcars online, and they often
  must use their own mainline to do so. This project will add over 500 additional car spots and will
  allow the ACWR to store our rail cars off the mainline which will help reduce congestion and
  further improve our operational needs.
- Safety: The safety of track conditions is critical to the transport of highly flammable and hazardous materials, and this program will bring the ACWR to a state of good repair and will increase the dependability of our service offering to our customers.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Stephen J Lowman

Senior Vice President

Superior Bulk Logistics







Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to our operations in Aberdeen, NC. Reliance Packaging handles plastic pellets for the manufacturing of plastic bags used for bagging mulch. Reliance Packaging is fully supportive of the proposed projects and is confident the results will have a dramatic impact on improving current operational challenges.

Rail car cycle times are a critical balancing component. The ACWR being able to increase their track speeds from 10 mph to 25 mph will significantly contribute to improving our fleet utilization. These track improvements will also lead to improved safety, and less derailment potential.

Reliance Packaging is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Satish Sharma

Chief Operating Officer/President

Reliance Packaging, LLC



May 22, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory:

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to our new foundry that will be located in Oakboro, NC. Charlotte Pipe manufactures Cast Iron, PVC, ABS, and CPVC *pipe* and fittings for plumbing and industrial systems. Charlotte Pipe is fully supportive of the proposed projects and is confident the results will have a positive impact on alleviating any current operational challenges.

Rail transportation offers us a market advantage due to better economics and increased shipment volumes. These advantages only work if we can get our rail cars shipped and returned in a timely fashion. Rail congestion due to inadequate car storage and mainline delays have a significant impact on these advantages. The projects the ACWR are proposing will add over 500 additional car spots which will reduce mainline congestion and offer improved rail car cycle times on their lines. Additionally, the ACWR being able to increase their track speeds from 10 mph to 25 mph will also contribute to improving our fleet utilization.

Charlotte Pipe is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the program will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

**Greg Simmons** 

Senior Vice President

Charlotte Pipe and Foundry Company

& L. Summons



June 10, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590

RE: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program FY20 FRA CRISI Grant Application

Dear Mr. Batory,

It is our understanding that the Aberdeen, Carolina & Western Railway Company (ACWR) is applying to the FY20 Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Program.

The ACWR is vital to our possible future operations in Candor, NC. Fe Rail provides scrap steel to the structural steel manufacturing industry nationally. Fe Rail is fully supportive of the proposed projects and is confident the results will have a dramatic impact on improving our operational challenges.

Rail transportation offers us a market advantage due to better economics and increased shipment volumes. These advantages only work if we can get our rail cars shipped and returned in a timely fashion. Rail congestion due to inadequate car storage and mainline delays have a significant impact on these advantages. The projects the ACWR are proposing will add over 500 additional car spots which will reduce mainline congestion and offer improved rail car cycle times on their lines. Additionally, the ACWR being able to increase their track speeds from 10 mph to 25 mph will also contribute to improved fleet utilization.

Fe Rail is fully supportive of the Aberdeen Carolina and Western Railways application for the FY 20 FRA CRISI grant and the projects in which the grant will support.

If you have any questions or concerns, please feel free to contact the undersigned.

Respectfully,

Dave Gill

Vice President, North American Operations

Fe Rail

June 13, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590 Rick Crawford Director- Public Projects Government Relations

Re: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program

Dear Mr. Batory,

I write to express ACWR Shops, LLC strong support of Aberdeen, Carolina & Western Railway's (ACWR) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant towards the "ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program."

This financial assistance, if awarded, will help facilitate ACWR's efforts to reduce congestion to accommodate rapidly growing traffic on its Piedmont and Sandhills Divisions, and alleviate safety concerns associated with deteriorating bridge and track conditions. ACWR seeks funding to: (1) rehabilitate bridges, (2) upgrade existing ties (3) install new passing sidings (4) construct new industrial yards.

At the completion of the "ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program", all speed and weight restrictions on the Piedmont and Sandhills Divisions will be removed, both Divisions will meet at minimum FRA Class II standards, and both lines will have increased capacity. This end -state will provide capabilities for the continued growth of freight rail traffic, mitigate rail -to -truck conversions, and contribute substantially to economic growth of this region of North Carolina.

As the owner of the property where the proposed Storage and Switching Yard in Candor, NC will be located, ACWR Shops, LLC is committed to maintaining the improvements facilitated through this grant for at least 30 years. ACWR Shops, LLC is pleased to offer our full support of ACWR's Safety, State of Good Repair, and Congestion Mitigation, and ask that the Federal Railroad Administration give full consideration to ACWR's application.

Thank you for your time and consideration in this matter.

Robert Menzies Executive Manager June 13, 2020

Mr. Ronald Batory, Administrator Federal Railroad Administration 1200 New Jersey Avenue, SE Washington, DC 20590 Rick Crawford Director- Public Projects Government Relations

Re: ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program

Dear Mr. Batory,

I write to express Mint Hill Industrial, LLC strong support of Aberdeen, Carolina & Western Railway's (ACWR) Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant towards the "ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program."

This financial assistance, if awarded, will help facilitate ACWR's efforts to reduce congestion to accommodate rapidly growing traffic on its Piedmont and Sandhills Divisions, and alleviate safety concerns associated with deteriorating bridge and track conditions. ACWR seeks funding to: (1) rehabilitate bridges, (2) upgrade existing ties (3) install new passing sidings (4) construct new industrial yards.

At the completion of the "ACWR Strategic Railway System Safety, State of Good Repair, and Congestion Mitigation Program", all speed and weight restrictions on the Piedmont and Sandhilis Divisions will be removed, both Divisions will meet at minimum FRA Class II standards, and both lines will have increased capacity. This end -state will provide capabilities for the continued growth of freight rail traffic, mitigate rail -to -truck conversions, and contribute substantially to economic growth of this region of North Carolina.

As the owner of the property where the proposed Mint Hill Storage and Switching Yard in Mint Hill, NC will be located, Mint Hill Industrial, LLC is committed to maintaining the improvements facilitated through this grant for at least 30 years. Mint Hill Industrial, LLC is pleased to offer our full support of ACWR's Safety, State of Good Repair, and Congestion Mitigation, and ask that the Federal Railroad Administration give full consideration to ACWR's application.

Thank you for your time and consideration in this matter.

Robert Menzies Executive Manger